



The
ROSE
SOCIETY
OF ONTARIO
1930



MRS ANNE GRABER
10 FAIRFAX CRES
SCARBOROUGH ONT

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YEAR BOOK
OF
The Rose Society of Ontario
1930

ROSE AND ROOT

The rose aloft in sunny air,
Beloved alike by bird and bee,
Takes for the dark root little care,
That toils below it ceaselessly.

I put my question to the flower:
"Pride of the summer, garden queen,
Why livest thou thy little hour?"
And the rose answered: "I am seen."

I put the question to the root,
"I mine the earth, content," it said,
"A hidden miner underfoot:
I know a rose is overhead."
—Selected.

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TORONTO

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Foreword

Once again, with the lengthening of the days and the return of the migratory birds, the rose grower begins to experience anew that spring urge, that feeling of unrest, which prompts him to court disaster by removing snow or other protective covering to ascertain the condition of some of his favorite and, perhaps, tender varieties. We can attribute certain deaths in the past to this same impatience which caused us to act all too soon. But we are wiser now, and when temptation in the form of bright sunshine assails us we retire to our den and reflect upon the unhappy experiences of the past when we have yielded weakly to that same urge.

As if to usher in the Rose season of 1930 appears the Annual of The Rose Society of Ontario. We trust that it may prove to be of interest and value to the members. It is our ambition to make each edition more valuable than its predecessor and we repeat our previous request to members to co-operate with us by informing us of their desires regarding subjects to be discussed in future editions. Once more, also, we shall welcome constructive criticism.

We feel sure that the members will note with satisfaction the progress which the Society has made during the past year and which is reflected in the Exhibition, Membership and Financial Reports appearing on succeeding pages. The Society's usefulness may be much extended, however, by a vigorous campaign to increase the membership, and in this work each individual member, wherever domiciled, may participate. This is an opportunity to render service which, we trust, no member will neglect.

We desire to acknowledge gratefully the assistance of the various contributors of articles appearing herein, also the courtesy of Mr. Courtney Page, Honorary Secretary of The National Rose Society, who has kindly permitted us to use an extremely valuable article which appeared in the 1927 edition of that Society's Annual.

THE EDITOR.

President's Greeting

I deeply appreciate the honor conferred upon me in being elected President of The Rose Society of Ontario.

It is my first duty and great pleasure to compliment and congratulate our retiring President, Mr. P. H. Mitchell, on his long service on behalf of the Queen of Flowers and upon the splendid development of the Society during his term of office. It is very comforting to know that we are not to lose the benefit of his great interest, unselfish devotion and wise counsel. Former officers have built well and I feel more confident in knowing I am following in their well devised plans and experienced footsteps.

The primary object of this Society is to encourage the cultivation of the Rose. Our members, through their fondness and enthusiasm for the most beautiful of all flowers, induce others to grow Roses. It is only natural that your friends, upon visiting your Rose garden, should feel the urge to have beautiful roses for themselves. Be sure your friends see your garden in the month of June. Send them of your finest to decorate their table.

The more people we can interest in growing roses the more beautiful towns and cities we shall have. When they have Rose beds of their own, then will follow the wish to improve their home grounds and beautify their own community in which they reside. They will be ready to assist in projects of civic improvement.

Through the enthusiastic and untiring work of the officers and committees during the past year great advances have been made by the Society and at the Royal York Hotel in Toronto on July 3rd, 1929, was staged probably the finest show of outdoor Roses ever held on this continent. Mr. C. A. G. Matthews, Chairman, and the hard-working members of the Exhibition Committee richly deserved the expressions of praise which were heard on every hand.

At the Annual Meeting held at the home of Mr. and Mrs. C. E. Burden, someone said it was her dream that the Society should have two thousand members. This is not a dream. It can be made a reality in 1930.

I feel safe in stating that there is not a member of this Society who does not know of one or more friends who love and grow roses who are not members of our Society. If you

will explain to these friends the great benefits which will accrue from becoming members our objective of two thousand will be achieved this year. Will you not assist our membership committee in their campaign by seeing that your friends join with us in our efforts to increase the number and quality of Roses grown?

Six times a year, bulletins under the able Editorship of Mr. Paul B. Sanders of The Ontario Agricultural College at Guelph are sent to each member. These are of the greatest practical value to our rose-growers and contain reliable information from experienced rosarians in our own Province under climatic conditions known to you.

The date for the 1930 Exhibition has been set for Thursday, June 26th, at the Royal York Hotel, Toronto. Your officers have engaged the largest convention room in the Royal York Hotel, a room having a floor space three times greater than that of last year.

It is our aim to hold the greatest exhibition yet held by the Society, and our hope to have an even greater attendance of lovers of the Rose than last year when the convention floor was filled to overflowing. The rose season is not complete without a visit to this great annual event. Thousands of Roses from the Miniature Polyantha to the noble Hybrid Perpetual through all the fairy colours of the rainbow will be there to claim your admiration and love.

HUGH A. ROSE,

President.

The Annual Meeting

The Annual Meeting of the Rose Society of Ontario was held at the home of Mr. and Mrs. C. E. Burden, 494 Avenue Road, Toronto, on the evening of December 10th, 1929, the President, Mr. P. H. Mitchell, in the chair.

It was moved by Mr. Paul B. Sanders, seconded by Mrs. J. Lockie Wilson and carried "That the minutes of the last Annual Meeting be taken as read."

Financial Report

The Hon. Treas., Mr. Seely B. Brush, presented a most gratifying financial report. Mr. Brush moved, seconded by Mr. A. J. Webster, and carried, "That the report as presented be adopted."

It was moved by Mrs. J. Lockie Wilson, seconded by Mr. C. W. Perry, and carried, "That the auditors, Messrs. G. C. T. Pemberton and L. A. Winter be re-appointed for 1930."

President's Address

Mr. P. H. Mitchell gave an interesting account of the activities of the Society for 1929.

Membership Committee

Mr. Paul B. Sanders presented the report of the Membership Committee. The adoption of the report was moved by Mr. Sanders, seconded by Mr. A. J. Webster, and carried.

Election of Officers

It was moved by Mr. P. H. Mitchell, seconded by Mr. Norman Sampson, and carried, "That the nominations be closed and the twenty members, whose names were read, be elected Directors of the Society."

Changes in Constitution, Rules and By-Laws.

Moved by Mr. P. H. Mitchell, seconded by Mr. C. E. Burden, and carried, "That wherever the word 'committee' is used in the Constitution, the words 'Board of Directors' be substituted."

Moved by Mr. C. W. Perry, seconded by Mr. Paul B. Sanders, and carried, "That for the purpose of Revision of the Rules and By-laws under Section 17 of the By-laws, an open meeting of the Society shall be considered a meeting called in accordance with the Constitution and any notice of such meeting shall state that Revised By-laws are to be voted on at said meeting.

Speaker's Address

Mr. H. J. Moore spoke on the proposed International Peace Garden, and at the close of this portion of his address Mr. W. H. Lyon moved "That this meeting is in favour of the proposed Peace Garden and is pleased to endorse the project." Mr. E. J. Thompson seconded the motion and it was unanimously carried.

Moved by Col. Hugh A. Rose, seconded by Mr. W. H. Lyon, and carried, "That Mr. C. E. Burden represent the Rose Society of Ontario on any Committee that shall be formed in connection with the Peace Garden."

Mr. Moore continued with a talk on "Roses at the Royal Winter Fair," illustrating his talk with vases of magnificent blooms from Mr. John Dunlop.

Prof. A. H. Tomlinson moved a vote of thanks to Mr. Moore, and Mr. L. A. Winter in seconding the motion expressed the thought that not a Peace Garden of 400 acres but a chain of Gardens 3,000 miles long should be the ideal.

Mr. C. A. G. Matthews, under whose able chairmanship the Exhibition Committee staged so successful a Rose Show, spoke briefly on the work of his Committee.

Mr. Paul B. Sanders spoke on "The Bulletin" which has added greatly to the interest in the Society, and then paid a tribute to Mr. Henry Bertram, of Dundas, who has just presented a collection of one hundred Rose illustrations to the Society, and which he considers possibly the best collection on this continent. Moved by Mr. Sanders, seconded by Mr. Moore, and carried, "That a hearty vote of thanks be sent to Mr. Henry Bertram for his generous gift."

Moved by Mr. C. A. G. Matthews, seconded by Mr. A. J. Webster, and carried, "That a vote of thanks be given Mr. and Mrs. C. E. Burden for their gracious act in inviting the Rose Society to meet in their home."

Mr. Burden replied on behalf of Mrs. Burden and himself, and moved that the meeting adjourn.

HAZEL A. WEBSTER,

Secretary.

A Tribute

It is with sincere regret that we record the retirement of Miss Ella Harcourt as Editor of the Annual, and we are sure that our feelings in this matter are shared by every member of the Society, no matter where resident. Those of us who enjoy personal acquaintance with Miss Harcourt feel a distinct sense of personal loss but it is gratifying to note that she will assume the role of Assistant Editor and that we shall continue to benefit by her advice. For the past ten years Miss Harcourt has most ably discharged the duties pertaining to her post and, until 1929, without assistance. No one who has not had experience in editing a publication of this character can fully comprehend the magnitude of the task, and

since the commencement of our more intimate association as Assistant Editor with Miss Harcourt our respect for her ability, industry and resourcefulness has materially increased.

THE EDITOR.

Report of Membership Committee

10th December, 1929

Once again appearances indicate that the Membership Committee has done little to warrant its existence; this is particularly true when we consider that membership at this date is 1,072, as compared with 1,110 on the same date last year. It is interesting to note, however, that 243 new members were secured this year—one of the best increases in the history of the Society—and this increase is due largely to the efforts of this Committee. The custom of removing from the lists all those in arrears for more than one year accounts for the apparent discrepancy in total membership: some 265 having been lost in this way; while 16 more were lost either through death or by resignation.

The total number of paid-up members, 929, is the largest we have had while, naturally, the number of those in arrears, 143, is the smallest total we have had. If the Membership Committee does nearly as well in 1930 as in 1929, a total membership of more than 1,200 should be realized.

I wish to thank all members of the Committee for their assistance, with particular reference to Miss H. A. Webster, Mr. A. J. Webster and Col. H. A. Rose, all of whom performed yeoman service.

PAUL B. SANDERS,
Chairman.

Membership, 10th December, 1929

	Number Paid	Number in Arrears One Year	Total	New Member- ships	With- drawals
Ordinary.....	809	139	948	232	275
Sustaining.....	41	3	44	7	5
Life.....	64	—	64	1	—
Honorary Life ..	4	—	4	1	—
Affiliations.....	11	1	12	2	1
Totals.....	929	143	1,072	243	281

Financial Report, December 7th, 1929

Fees:	RECEIPTS	
Life Members.....		\$ 25.00
Sustaining.....		194.00
Ordinary.....		812.13
Affiliated Societies		15.00
		<u>\$1,046.13</u>
Year Book Adverts.....		669.39
Exhibition:		
Entries.....		\$ 69.25
Auction.....		136.75
Door Receipts.....		949.00
1929 Tickets remitted.....		261.25
1928 Tickets remitted.....		1.05
		<u>1,417.30</u>
Prize Fund Donations.....		285.00
Interest.....		12.13
	Total.....	<u>\$3,429.95</u>
Cash Balance, Dec. 8th, 1928.....		\$118.63
Rest Account.....		200.00
		<u>318.63</u>
		<u>\$3,448.58</u>

Exhibition:	DISBURSEMENTS	
Postage.....		\$ 20.00
Music.....		33.00
Hotel.....		256.00
Printing.....		101.24
Signs.....		11.10
Decoration.....		\$55.77
		21.50
		<u>77.27</u>
Advertising:		
T.T.C.....		\$100.00
Dailies.....		58.50
S. & M.....		53.83
		<u>212.33</u>
Sundry.....		26.30
		<u>\$737.24</u>
Plant-Vases.....		64.69
		<u>\$801.93</u>
Prize Awards.....		266.75
Year Book.....		801.93
Lectures and Entertainment.....		167.52
Bulletin.....		187.48
Expense Maintenance:		
Postage.....		\$ 46.58
Stationery.....		97.70
Annual Meeting.....		24.18
Secretary.....		300.00
		<u>490.88</u>
Horticultural Council.....		25.00
		<u>\$2,525.15</u>
	Balance.....	<u>\$1,223.43</u>
Rest Account Life Member.....		\$241.20
Rest Account Exhibition.....		642.11
		<u>\$883.31</u>
Available Balance.....		340.12
		<u>1,223.43</u>

Audited December 7th, 1929.

L. A. WINTER
G. C. T. PEMBERTON

SEELY B. BRUSH,
Hon. Treasurer



A sketch by Mr. Owen Staples of a section of the Rose Show of 1929, held in The Royal York Hotel, Toronto. (Reproduced by the kind permission of The Evening Telegram, Toronto.)

The Sixteenth Annual Rose Show of the Rose Society of Ontario, July 3rd, 1929 By Miss E. M. Harcourt

The last petals of the 16th Annual Rose Show have been cleared away from the gleaming new floors of the Royal York; the anxiety of anticipation, the excitement of competition, the fun of seeing all records broken are things of the past. We have still with us the joys of retrospection, so let us think it all over. What a day it was and what a lovely Show! When we looked at the great airy ballroom the evening before, with only the lovely Ardwold palms silhouetted against the immense windows and the delicate pastel walls,

and saw all the empty little green tables dotted about in a space that seemed to go on forever, we thought, "Can we ever fill it? Think of the alternate blasts of heat and cold this Spring has produced; of rain like cloud bursts descending on Ontario gardens—can our members produce the Roses?" And the next morning we were triumphantly answered. The Roses came pouring in,—from Guelph, Fergus, Welland, St. Catharines and Dundas, from Bowmanville, and Belleville, from Oakville, New Toronto, Meadowvale and Weston, from Barrie and Port Perry,—Northern points for which the Show has been too early in former years—and the city growers came nobly forward, complaining a little about their best bloom being over but doing their bit like sportsmen. In a few hours the green tables were laden, the delicate pastel of the evening before became a vivid oil painting splashed with the loveliest shades of crimson and gold, pink and delphinium blue, and, as the crowds of Rose lovers filled every corner of the room and stood in lines waiting to enter, the exhausted Committee members looked at each other and gasped, "It isn't big enough! Can all these people ever get in?"

It is most noticeable how courageous our Rose growers have become in seeking for new beauties,—due, I expect, to an increase of knowledge,—refusing to rest content with the old favorites. The big exhibits were particularly lovely this year and showed many more varieties than ever before. At the West end of the room was a display sent by Mr. R. S. McLaughlin, of Oshawa—a magnificent bank of color with Roses of superlative quality. It was awarded the Major H. B. Burgoyne Challenge Trophy. In the corner beside it was the best display of Roses ever shown by the Ontario Agricultural College, Guelph; and when I say that it means something! To most of us this was the most interesting exhibit in the Show because so many of our members have learned all they know about Rose growing from the lectures, articles and bulletins of the O.A.C. Professors, and we took a personal delight in seeing that they really practised what they preached and could produce Roses that, in color and texture, filled us with pride. I have underlined notes here of the lovely color of their "Mrs. Talbot O'Farrell," "Mrs. Wemyss Quin," and "Billy Boy"; of the exquisite dwarf polyantha "Else Poulsen," of their exhibit of "Dainty Bess," and of a perfectly lovely bloom of the red Rose "Courage." These are just a few from a wealth of lovely varieties. A special award of a Silver Medal was voted to this exhibit as

a mark of appreciation. At the East end of the room was banked an exhibit from the Board of Parks Management, St. Catharines. In this, also, the quality of the roses was very fine and the arrangement most effective,—it carried off the Dunlop & Sons Trophy. Alexandra Park sent a lovely exhibit that had some interesting Roses in it. The coppery yellows were particularly fine,—“Gwyneth Jones,” “Feu Joseph Looymans,” and “Wilhelm Kordes” being beautifully represented. The Canadian Horticultural Council’s Special Diploma was awarded to the Toronto Parks Department for their splendid display. In this I noticed especially fine blooms of the lovely “W. F. Dreer,” yellow; of “Mrs. Henry Morse,” and the best examples of “Betty Uprichard” and “Los Angeles” I have seen outside of the National.

It was delightful to have our old friend, Mr. Henry Bertram with us again, and, although he did not compete this year, he brought a tableful of those big beautiful Roses of his that have been a feature of our Show for many years. A new attraction, and one that amazed visitors from outside Ontario, was Dr. A. H. Rolph’s wonderful display of Climbing Roses grown in his garden at Weston. Let anyone dare say this is not a Rose Province after seeing his magnificent clusters of “Lemon Pillar”—with Roses as big as “Druschkis”—and his “Silver Moon” and dainty little “Goldfinch”—no bleached-out yellow here—and, above all, the exquisite Climbing Hybrid Tea, “Cupid.” Most people went away from that table determined to murder their old “Dorothy Perkins” or “Hiawathas” in order to make room for these lovely things, but—can we grow them? I wonder. There is a magic touch with Roses as with music.

Lady Eaton, with characteristic kindness, sent, not only the palms that did so much to enhance the beauty of the Show, but a splendid display of Roses as well from Ardwold. These were arranged against the North wall where they made an effective color contrast to Mr. Dunlop’s great mass of blue Delphinium. His Hybrids are a marvel and beneath them he had grouped an exhibit of a spectacular new Rose called “Talisman,” shown here for the first time, a cross between “Souvenir de Claudius Pernet” and “Butterfly.” Being an indoor Rose it was not at its best at this time of year, but one could see that it has all the earmarks of success, as the color is most unusual and the Rose itself has the fine qualities of both parents. The only other indoor Roses shown were the beautiful “Claudius Pernet” in Mr. S. A. Frost’s

basket which won the Retail Florists' Special Prize. Mr. Frost also had one of his lovely sheafs of Gypsophila and delicate pink Lady's Slipper Orchids—an ethereal combination. Messrs. Miller & Sons very kindly sent some of their beautiful Roses for decorative purposes but they arrived too late for the big room and served as an allurement to the Show in the small room outside. Another valued member from Dundas, who did not compete this year, was Miss E. M. Grafton. We were glad to welcome her at the Show and to see the table of fine Roses she exhibited.

Thinking over the Amateur and Decorative Classes it is hard to know what to single out. That word gives me a suggestion, for that other Rose magician, Mr. Aubrey Heward, of Oakville, whose name appears all over the prize list, exhibited a brass jar of single Roses that elicited gasps of delight from everyone who caught sight of it. It was composed of that matchless "Dainty Bess" and the pure white "Innocence,"—perfect specimens of those happily named Roses, arranged by an artist. Once again Col. H. A. Rose, of Welland, won the greatest number of points. Oh! to grow Roses that would win 12 firsts at such a Show, and the date was late for his best bloom at that. I don't know how many times I was asked, "Whose Roses are these? Aren't they wonderful." And I would answer, "Col. Rose's roses," and they would look at me with incredulity in their eyes. Our lovely new Trophy given by the T. Eaton Co. Ltd. for the Specimen Bloom, H.P., was won by Mr. A. T. Fletcher, of Bowmanville,—he and Mr. A. H. Fletcher being most successful exhibitors. Two extremes still dwell in my memory; one an immense basket of red Roses,—lovely fragrant things,—shown by Mr. S. Williamson; the other a perfect little pink bud most ingeniously arranged in a model lapel by Mrs. J. R. Kennedy and carrying off first prize in that popular new class, Gentleman's Boutonniere. I wish I had the space to mention many more noteworthy exhibits but I can see the Editor's blue pencil hovering. I must speak though of Miss Beardmore's bowl of "Emily Gray," for it brought signs of envy from the many who have loved and lost this difficult Climber. To the delight of the Committee there were many new exhibitors as well as some old friends returned after the lapse of several years. "Double the entries!" reported Mr. Brush. Let us hope for the same encouraging words next year.

The Best Rose in the Show was voted to be Mrs. R. W. Dixon's "Gloire de Chedane Guinoisseau." With a name

like that you would expect a 3-footer, with a great deep red beauty at the top, wouldn't you? Well it was, and **fragrant** for a wonder! The scentless Rose was unpopular at our Show this year.

Premier and Mrs. Ferguson honored the Rose Show with a visit just before it ended in a blaze of glory at 10 p.m. The President, Mr. P. H. Mitchell, presented Mrs. Ferguson with an armful of the "Talisman" Roses, and conferred an Hon. Life Membership on our invaluable Hon. Treasurer, Mr. Seely B. Brush, after which Mr. Henry Button conducted his hilarious auction of the Roses.

One final word of praise for our splendid Exhibition Chairman, Mr. C. A. G. Matthews. The record breaking crowd may have come to see the Royal York as well as the Roses, but it was clever publicity that spread the news abroad and the strikingly artistic cards, so generously donated by Messrs. Sampson Matthews, Limited, attracted attention wherever they were shown. And how our Secretary and the Exhibition Committee did work! Like all other active Committees the members have their little differences at times, but on this occasion they pulled perfectly together, and were unanimous in declaring, "It was a great Show and worth the effort!"

PRAYER TO A ROSE

Fair Queen of flowers, teach us to see
The lessons we may learn of thee,
Teach us to recognize thy worth
And thank Creator for thy birth;
Teach us anew to imitate
Thy purity and lofty state;
Teach us to understand thy task,
That we may strive to give—not ask.

Fair Queen of flowers, teach us alway
To give as thou dost, while we may;
May we send forth throughout our stay:
The light of Truth's immortal ray—
The precious gems of nobility—
High thoughts and graceful purity,
May we live so, as you rich flower
Successfully do—in your small hour.

O Queen of flowers, teach us to see
The lessons we may learn of thee,
Teach us to recognize thy worth
And thank Creator for thy birth;
Teach us anew to imitate
Thy purity and lofty state;
Teach us to understand thy task,
That we may strive to give—not ask. —Selected

Awards at the 1929 Show

Class	First Prize	Second Prize	Third Prize
1	No entries		
2	No entries		
3	Mr. S. A. Frost		
4	Board of Park Manage't, St. Catharines		
5	Mr. R. S. McLaughlin	Col. H. A. Rose	
6	Col. H. A. Rose	Mrs. Campbell Reaves	Mr. Wm. Little
7	Col. H. A. Rose	Mr. Wm. Little	
8	Mr. A. H. Fletcher	Col. H. A. Rose	
9	Board of Park Management, St. Catharines	Mr. A. J. Webster	Col. H. A. Rose
10	Col. H. A. Rose	Mrs. Campbell Reaves	Mr. Wm. Little
11	Col. H. A. Rose	Mr. A. H. Fletcher	
12	Col. H. A. Rose	Miss H. L. Beardmore	Mr. Wm. Little
13	Mr. A. H. Fletcher	Col. H. A. Rose	Mr. A. T. Fletcher
14	Col. H. A. Rose	Mrs. Geo. C. Warner	Mr. Wm. Little
15	Mr. A. D. Heward	Col. H. A. Rose	Mr. A. J. V. Atkins
16	Mr. A. D. Heward	Mr. A. H. Fletcher	Mr. Jas. Sim
17	Mrs. H. Varley	Mr. Hugh Templin	Mr. A. E. Hull
18	Col. H. A. Rose	Mrs. Campbell Reaves	
19	Mr. A. D. Heward	Col. H. A. Rose	Mr. A. H. Fletcher
20	Mr. A. D. Heward	Col. H. A. Rose	Mr. A. H. Fletcher
21	Mr. F. A. Kent	Mrs. Geo. C. Warner	Mr. E. J. Thompson
22	Mr. E. J. Thompson	Col. H. A. Rose	
23	Mr. A. Woolrich	Col. H. A. Rose	Mr. S. Williamson
24	Mrs. J. R. Kennedy	Mr. F. W. Fanton	Mr. A. T. Fletcher
25	Mr. C. W. Perry	Mrs. Geo. C. Warner	Mr. A. T. Fletcher
26	Mr. S. Williamson	Mr. A. D. Heward	Mr. A. Jack
27	Mr. A. D. Heward	Mr. John Bowen	Mr. W. Geddes, Sr.
28a	Mr. Jas. Daxon	Mr. R. W. Dixon	Mr. F. W. Fanton
28b	Mr. A. T. Fletcher	Mr. Jas. Sim	Mr. R. W. Dixon
29	Mr. Samuel Kirk	Dr. A. W. Forbes	Mr. Hugh Templin
30	Dr. A. W. Forbes	Mr. Hugh Templin	
31	Dr. A. W. Forbes	Mr. Samuel Kirk	Mr. Hugh Templin
32	Mr. John Richardson		
33	Miss H. L. Beardmore	Mrs. J. R. Kennedy	Col. H. A. Rose
34	Mr. A. J. Webster	Mrs. J. R. Kennedy	Mrs. Campbell Reaves
35	Miss H. L. Beardmore	Col. H. A. Rose	Miss Olive Brush
36	Col. H. A. Rose	Miss Mary Yates	Mr. S. Williamson
37	Mrs. J. M. Godfrey	Mr. A. J. Webster	Col. H. A. Rose
38	Col. H. A. Rose	Mrs. J. M. Godfrey	Mr. E. J. Thompson
39	Miss E. M. Harcourt	Mr. S. Williamson	Mrs. A. Alan Gow
40	Mr. A. D. Heward	Col. H. A. Rose	Mr. A. H. Fletcher
41	Mr. S. Williamson	Mr. Wm. Little	Mr. A. J. Webster
42	Col. H. A. Rose		
43	Col. H. A. Rose	Miss Olive Brush	
44	Col. H. A. Rose		
45	Col. H. A. Rose		
46	Mr. R. W. Dixon		
47	Dr. A. W. Forbes	Mr. W. J. Lawrence	Col. H. A. Rose
48	Mrs. J. R. Kennedy	Mr. C. W. Perry	Mrs. A. Alan Gow
49	Miss H. L. Beardmore	Mr. A. J. Webster	Mr. S. Williamson

Winners of Challenge Trophies, 1929

- "Dunlop Challenge Trophy," presented by Messrs. John H. Dunlop & Son, Limited, for a display of Roses on a table covering approximately 30 square feet, open to Civic, Community and Government Gardens and Horticultural Societies.—Won by The Board of Park Management, St. Catharines.
- "Major H. B. Burgoyne Challenge Trophy," presented by Major H. B. Burgoyne for Class 5.—Won by Mr. R. S. McLaughlin.
- "Avoca Vale Memorial Challenge Cup," presented by Mr. T. J. Moore, Avoca Vale, Moore Park, for Class 7.—Won by Col. Hugh A. Rose.
- "McGredy Challenge Cup," presented by Messrs. Samuel McGredy & Son, for Class 8.—Won by Mr. A. H. Fletcher.
- "Kents Limited Challenge Cup," presented by Messrs. Kents, Limited, for Class 10.—Won by Col. Hugh A. Rose.
- "Ella Baines Memorial Challenge Cup," presented by Dr. Allen Baines in memory of the founder of The Rose Society of Ontario, Mrs. Allen Baines, for Class 11.—Won by Col. Hugh A. Rose.
- "F. A. Kent Challenge Cup," presented by Mr. Frederick A. Kent for Class 18.—Won by Col. Hugh A. Rose.
- "The Canadian Bank of Commerce Challenge Cup," presented by The Canadian Bank of Commerce for Class 19.—Won by Mr. A. D. Heward.
- "Miss Vera McCann Challenge Trophy," presented by Miss Vera McCann for Class 20.—Won by Mr. A. D. Heward.
- "Ellis Challenge Trophy," presented by Messrs. Ellis Brothers, Limited, for Class 26.—Won by Mr. S. Williamson.
- "Merryweather Challenge Cup," presented by Messrs. H. Merryweather & Sons, Limited, for Class 27.—Won by Mr. A. D. Heward.
- "Burden Challenge Cup," presented by Mr. and Mrs. C. E. Burden for Class 28a.—Won by Mr. James Daxon.
- "Eaton Challenge Cup," presented by Messrs. The T. Eaton Company, Limited, for Class 28b.—Won by Mr. A. T. Fletcher.
- "F. Barry Hayes Challenge Trophy," presented by Mr. F. Barry Hayes to be competed for in Class 32 by growers having small gardens with thirty or fewer bushes.—Won by Mr. John Richardson.
- "W. B. Burgoyne Memorial Challenge Trophy," presented by Mrs. W. B. Burgoyne for Class 33.—Won by Miss H. L. Beardmore.
- "Lady Kemp Memorial Challenge Cup," presented by the late Sir Edward Kemp in memory of the late Lady Kemp, for Class 34.—Won by Mr. A. J. Webster.
- "Ellis Brothers, Limited, Challenge Trophy," presented by Messrs. Ellis Brothers, Limited, for Class 37.—Won by Mrs. J. M. Godfrey.
- "F. Barry Hayes Challenge Trophy," presented by Mr. F. Barry Hayes for a small tea table decoration of Roses, Class 39.—Won by Miss Ella Harcourt.
- "Colonel Hugh A. Rose Challenge Trophy," presented by Col. Hugh A. Rose for Class 41.—Won by Mr. S. Williamson.
- "King Edward Hotel Challenge Trophy," presented by The King Edward Hotel Company, Limited, for Class 42.—Won by Col. Hugh A. Rose.
- "Roseholme Challenge Trophy," presented by Mrs. Walter H. Lyon for Class 44.—Won by Col. Hugh A. Rose.
- "Mitchell Challenge Trophy," presented by Mr. P. H. Mitchell for the Best Rose in the Show.—Won by Mr. R. W. Dixon.

The Summer Exhibition Prize List, 1930

NOTE:—All Roses in competition should be correctly and legibly named.

CLASSES		PRIZES		
		FIRST	SECOND	THIRD
PROFESSIONAL COMMERCIAL (INDOOR ROSES)				
NOTE:—All blooms in competition in Classes 1, 2 and 3 to be one pinch.				
Class				
1.	Vase of 25 Roses, any variety.....	\$15.00	\$10.00	\$5.00
2.	Vase of 50 Roses, any variety.....	\$25.00	\$15.00	\$10.00
RETAIL FLORISTS' SPECIAL				
3.	Decorative Basket of Roses, not to exceed 24 inches in height or width, quality of bloom and arrangement to count. (Any foliage may be used in this class).	\$15.00	\$10.00	\$5.00
OPEN (Outdoor Roses)				
4.	Display of Roses on table covering approximately 30 square feet, arrangement to count. Open to Civic, Community and Government Gardens and to Horticultural Societies in the Province of Ontario.	Challenge Trophy, Dunlop & Son, Ltd.	Silver Medal, The R.S. of O.	Bronze Medal, The R.S. of O.
PROFESSIONAL (Outdoor Roses)				
5.	Display of Roses on table covering approximately 30 square feet, arrangement to count in judging.	Challenge Trophy, Major H. B. Burgoyne	Do.	Do.
SEMI-PROFESSIONAL (Outdoor Roses)				
6.	Twelve blooms, H.T.'s, separate varieties, correctly named, shown in R.S.O. boxes.	Silver Gilt Medal, The R.S. of O.	\$3.00	Diploma
7.	Twenty-four blooms, correctly named, not less than six varieties, H.T. or H.P., shown in R.S.O. boxes.	Do.	\$3.00	Do.

CLASSES		PRIZES		
8. Exhibit of Roses, not more than 36 or fewer than 12 blooms or sprays of any kind, shown in R.S.O. boxes.		T. J. Moore Memorial Challenge Cup	\$3.00.....	Diploma
9. Forty-eight H.P.'s, 48 H.T.'s, or 48 Teas, shown in R.S.O. boxes.		Challenge Cup, S. McGredy & Son	\$3.00.....	Do.
OPEN (Outdoor Roses)				
10. Ten Sprays of Climbing Roses (Climbing H.P.'s, H.T.'s, or T.'s excluded), to be shown in vases.		\$5.00.....	\$3.00.....	Do.
11. Ten Cream or White Roses to be shown in a vase.		Challenge Trophy, Kents, Limited	\$3.00.....	Do.
12. Exhibit of New Roses, not over 5 years in commerce, correctly and legibly named, shown in R.S.O. boxes. To qualify, not fewer than 12 blooms of distinct varieties must be shown.		\$5.00.....	\$3.00.....	Do.
SEMI-AMATEUR (Outdoor Roses)				
HYBRID PERPETUALS				
13. Twelve H.P.'s, not less than six varieties, correctly and legibly named, shown in R.S.O. boxes.		Ella Baines Memorial Challenge Cup	\$3.00.....	Do.
14. Six H.P.'s, Red, correctly and legibly named, shown in R.S.O. boxes.		\$5.00.....	\$3.00.....	Do.
15. Six H.P.'s, Pink, correctly and legibly named, shown in R.S.O. boxes.		\$5.00.....	\$3.00.....	Do.
16. Six H.P.'s, White or Cream, correctly and legibly named, shown in R.S.O. boxes.		\$5.00.....	\$3.00.....	Diploma
AMATEUR (Outdoor Roses)				
HYBRID PERPETUALS				
17. Three H.P.'s, any variety, shown in a vase.....		\$3.00.....	\$2.00.....	\$1.00
18. Six H.P.'s, any variety, shown in a vase.....		\$5.00.....	\$3.00.....	\$2.00

NOVICE CLASS ((OUTDOOR ROSES). NOTE :—A novice is an amateur		who has never exhibited before.
19. Six H.P.'s, any variety, shown in a vase.....	\$5.00.....	\$3.00.....
SEMI-AMATEUR (Outdoor Roses)		
HYBRID TEAS		
20. Twelve H.T.'s, not less than six varieties, correctly and legibly named, shown in vases.	Challenge Cup, Fred. A. Kent	Diploma
21. Twelve H.T.'s, correctly and legibly named, shown in vases.	Challenge Cup, The Can. Bank of Commerce (Three year Challenge) Challenge Trophy, Miss Vera McCann	Do.
22. Six H.T.'s, Red, correctly and legibly named, shown in a vase.	\$5.00.....	Do.
23. Six H.T.'s, Pink, correctly and legibly named, shown in a vase.	\$5.00.....	Do.
24. Six H.T.'s, White or Cream, correctly and legibly named, shown in a vase.	\$5.00.....	Do.
25. Six H.T.'s, Yellow, correctly and legibly shown in a vase.	\$5.00.....	Do.
AMATEUR CLASSES (Outdoor Roses)		
(Amateurs may compete in any of the preceding classes.)		
26. Three H.T.'s, any variety, shown in a vase.....	\$3.00.....	\$1.00
27. Six H.T.'s, any variety shown in a vase.....	\$5.00.....	\$2.00
28. Twelve H.T.'s, any variety, shown in vases... not necessary to be named.	Challenge Trophy, Ellis Bros. Ltd.	\$2.00
29. Twelve H.T.'s, correctly and legibly named, shown in vases.	Challenge Cup, H. Merry- weather & Sons Ltd.	\$2.00
30. Specimen Bloom, any type other than Hybrid Perpetual, shown in a vase, length of stem and foliage to be taken into consideration.	Challenge Trophy, Mr. and Mrs. C. E. Burden	\$2.00
31. Specimen Bloom, Hybrid Perpetual, shown in a vase, length of stem and foliage to be taken into consideration.	Challenge Trophy, The T. Eaton Co. Ltd.	\$2.00

CLASSES		PRIZES	
NOVICE CLASSES (Outdoor Roses). NOTE: HYBRID TEAS		—A novice is an amateur w	ho has never exhibited before.
32. Six H.T.'s, any color but Pink, shown in a vase		\$5.00.....	\$3.00.....
33. Six H.T.'s, Pink, any variety, shown in a vase		\$5.00.....	\$3.00.....
34. Specimen Bloom, H.T., shown in a vase, length of stem and foliage to be taken into consideration.		Silver Medal, The R.S. of O.	\$3.00.....
SPECIAL NOVICE CLASS (For the Small Gardens)			
35. exhibit of Roses, H.P. or H.T., shown in vases, exhibitor not to have over 30 bushes in his garden.		Challenge Trophy, F. Barry Hayes	\$3.00.....
DECORATIVE CLASSES (Outdoor Roses) (Open to all members except commercial growers and florists).			
36. Most beautiful basket of Roses, any size.....		W. B. Burgoyne Memorial Trophy	\$3.00.....
37. Roses to be arranged in a vase or bowl, not less than six varieties and not more than twelve blooms, any kind but Ramblers.		Lady Kemp Memorial Trophy	\$3.00.....
38. Bowl or Vase of H.T.'s, Red, not fewer than 9 or more than 15 blooms, arrangement to count.		\$5.00.....	\$3.00.....
39. Bowl or Vase of H.T.'s, Yellow, not fewer than 9 or more than 15 blooms, arrangement to count.		\$5.00.....	\$3.00.....
40. Bowl or Vase of H.T.'s, Pink, not fewer than 9 or more than 15 blooms, arrangement to count.		\$5.00.....	\$3.00.....
41. Bowl or Vase of H.T.'s, Cream or White, not fewer than 9 or more than 15 blooms, arrangement to count.		\$5.00.....	\$3.00.....

PRIZE LIST, 1930

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42. Bowl or Vase of Climbing or Rambler Roses, Pink (Climbing H.P.'s, H.T.'s and T.'s excluded), arrangement to count.	Silver Medal, The R.S. of O.	\$3.00.....	\$2.00
43. Bowl or Vase of Climbing or Rambler Roses, any color but Pink (Climbing H.P.'s, H.T.'s and T.'s excluded), arrangement to count.	Do.	\$3.00.....	\$2.00
44. Bowl or Vase of Polyantha Roses, single, arrangement to count.	Do.	\$3.00.....	\$2.00
45. Bowl or Vase of Polyantha Roses, double or semi-double, arrangement to count.	Do.	\$3.00.....	\$2.00
46. Basket of Roses, any size, arrangement to be considered.	Challenge Trophy, Ellis Bros. Ltd.	\$3.00.....	\$2.00
47. Small Basket of Roses, not to be higher or longer than 15 inches, including blooms.	\$5.00.....	\$3.00.....	\$2.00
48. Small Decoration of Roses (suitable for 5 o'clock tea table or tea tray) to be arranged in a small vase or bowl, artistic arrangement and bloom to be considered.	a Challenge Trophy, F. Barry Hayes	\$3.00.....	\$2.00
49. Bowl or Vase of Single Roses, arrangement to count.	\$5.00.....	\$3.00.....	\$2.00
50. Most beautiful Basket of Red Roses, any size, arrangement to count.	Challenge Trophy, Col. H. A. Rose	\$3.00.....	\$2.00
51. Most beautiful Basket of Pink Roses, any size, (must include blooms of The Queen Alexandra Rose), arrangement to count.	Challenge Trophy, King Edward Hotel	\$3.00.....	\$2.00
52. Most beautiful Basket of Yellow Roses, any size, arrangement to count.	American Rose Society's Silver Medal	American Rose Society's Bronze Medal	\$2.00
53. Gentleman's Boutonniere.....	\$3.00.....	\$2.00.....	\$1.00
54. Dinner Table Decoration, Roses only, must be grown by exhibitor, any foliage, flower receptacles to be supplied by the exhibitor, uniform tables and linen supplied by The R.S. of O. Service for 8 persons provided by Ellis Bros., Ltd. Entries in this class must be sent to Mr. S. B. Brush, 32 Lowther Avenue, Toronto, at least three days previous to the show day.	Roscholme Challenge Trophy, Mrs. Walter H. Lyon	\$3.00.....	\$2.00

CLASSES	PRIZES
<p>SPECIAL CLASSES</p> <p>(Open to all members except commercial growers and florists.)</p>	
<p>55. Specimen Rose with the finest fragrance</p>	<p>Bottle of Perfume, J. R. Kennedy \$3.00.....</p>
<p>56. Six fragrant Red Roses, H.T. or H.P., any variety, shown in a vase.</p>	<p>Bottle of Perfume, J. R. Kennedy \$2.00</p>
<p>NOTE:—These classes to be judged on a basis of 50 points for fragrance, and 50 points for color, form, substance, stem, foliage and condition.</p>	<p>Rose Bowl, Mrs. Campbell Reaves \$2.00</p>
<p>BEST ROSE IN THE SHOW</p>	
<p>To be selected from any entry.</p>	<p>Challenge Trophy, P. H. Mitchell</p>

For purposes of this Show an Amateur is defined as a person who does not grow flowers for profit, and who cultivates Roses without the assistance of skilled gardeners, but who may employ a laborer.

A Novice is an Amateur who has never exhibited before.

In all classes except Numbers 3 and 54 Rose foliage only is to be used.

An entry fee of 25 cents per entry is payable in advance to the officer in charge of the chart.

For purposes of this Show Pernetianas are regarded as Hybrid Teas.

Prizes will not be awarded unless exhibits are considered worthy.

All exhibits must be staged by 12.00 p.m., in order that the judges may proceed with their work.

Exhibitors must leave the room at or before the commencement of judging and must not re-enter until the completion of judging.

The use of wire or other artificial supports in the Decorative Classes is prohibited.

NOTE:—The R.S.O. boxes, to be used in several classes, are hollow wooden boxes, which will be supplied by The Rose Society of Ontario, the lids of which are covered with moss and pierced with six or twelve holes into which fit glass tubes containing water.



SIR DAVID DAVIS, H.T.

Report of the Guelph Horticultural Society

At our Rose Show, held 27th June, 1929, there were 40 entries made. No money prizes were awarded, just ribbons, it being a purely Educational Show.

W. W. Simpson won the Medal of the Ontario Rose Society for the best Rose in the show.

Mr. Wm. Geddes secured the highest number of points having a total of 30, Mr. E. C. Pritlove coming next with 21.

Other entrants were:—Miss Stockford, Mrs. Thompson, Mrs. Whiting, Mrs. Patterson, H. Occomore.

Some very fine bloom were exhibited at the Show but there were perhaps not so many entries as last year.

H. OCCOMORE.

Report of the Edmonton Horticultural Society

The Annual Show, held on 20th August, 1929, was, on the whole, about the best Show of its kind ever held in this city. Taking into consideration the time of year and the unfavorable weather conditions which prevailed during the summer of 1929 the quality of the bloom exhibited was very good. The Medal of The Rose Society of Ontario was won by Mr. H. C. Hunter.

Rose enthusiasm seems to be increasing in Edmonton and we understand that a large number of trees are being ordered from the Old Country for spring planting. Quite a quantity of stock was lost during the winter of 1928-29, but the losses were confined largely to plants originating in British Columbia and budded on a stock too tender for the climate of this district. It was very noticeable that British Columbia trees planted among other stock died while their neighbors of British origin survived.

G. S. BOTZOW,
Secretary-Treasurer.

Report of the St. Clair District Horticultural Society

The Fourth Annual Rose Show of The St. Clair District Horticultural Society was held in Rawlinson Public School, Glenholme Avenue, Toronto, on Saturday, 29th June, 1929. Entries numbered 154 as against 170 in 1928, and it was the general impression that the average quality of the bloom was somewhat below that of the previous year. The principal winners were Messrs. J. Bruce, Jas. Daxon, Robert Lough, C. W. Perry, Jas. Sim, A. J. Webster and S. Williamson, the last mentioned exhibitor carrying off the Challenge Cup for the Best Rose in the Show. The Silver Medal of The Rose Society of Ontario was won by Mr. Robert Lough. Once again the placements were made by Dr. A. H. Rolph and Mr. P. B. Sanders.

E. W. HALL, Secretary.

Report of the Ottawa Horticultural Society

The competitions for the Ontario Rose Society Medal at the Rose Shows of the Ottawa Horticultural Society each year excite considerable interest and usually the competition is quite keen. Many of the Ottawa exhibitors have only small gardens and relatively few varieties, but there are usually upwards of half a dozen entries in the medal section. The writer of this note has won the Ontario Rose Society Medal on different occasions. Last year it was won by Mr. A. H. Pratt, First Vice-President of the Horticultural Society. An accurate record of the varieties making up the winning exhibit was not kept, but it is known that it included blooms of the following varieties: J. B. Clark, Mrs. Henry Morse, Golden Emblem, Madame Butterfly, and White Killarney.

The Ottawa Rose Show appears to be the most highly interesting Show of the year. It usually includes a creditable display of the later peonies and many of the perennials that are in bloom at the time of the Show. In the rose sections of the last year's Show there were 136 entries.

J. B. SPENCER.

Report of the Welland Horticultural Society

The eighth Annual Rose Show of The Welland Horticultural Society was held at the Library Building on June 28th, 1929.

The interest in rose-growing in this City is steadily on the increase. Many newcomers have planted beds this year and the older enthusiasts have added greatly to their rose gardens. The attendance at the exhibition was the best in the history of the Society.

The Society in general has made a fine record during 1929, increasing its membership by over two hundred, and planting over two thousand trees, shrubs, rose bushes and climbers at the hospital, school grounds and city entrances.

Professor A. H. Tomlinson, of the Ontario Agricultural College, Guelph, kindly consented to act as Judge. His fine work in judging and advice given to our rose growers was greatly appreciated. Professor Tomlinson is always a much welcomed visitor to Welland.

Although the extreme heat in the fore part of the month had forced a great many roses to an early bloom, the number and quality of roses shown was fully up to the high standard set at previous exhibitions.

The President's Cup for the best rose in the Show was won by Mrs. John Young with a very fine specimen of Dame Edith Helen. Those who have grown Dame Edith Helen in Welland consider this rose to be one of the very best pink garden roses capable of producing exhibition blooms.

The following were the winners of challenge cups: Mrs. J. H. Rolph (3), Miss M. McAuliffe (2), Mrs. W. T. Barnes (2), Mrs. John Young, Dr. R. M. MacLean and A. S. Myhill.

Other winners of first prizes were: Miss G. M. Fortner, Mrs. H. W. Maccomb, Rev. R. A. Cranston, Douglas Watt, V. S. Dyson, Hugh J. Reilly, George Harper, H. H. Dyson, and Peter Nottie.

A luncheon was given at the Welland Club at which guests were present from all Horticultural Societies in Welland County, and the Rose Highway Association was formed.

The President, Col. Hugh A. Rose, had a large display from his gardens not in competition.

R. R. FLEMING, Secretary.

Kitchener Horticultural Society

The Rose section of the June show of the Kitchener Horticultural Society proved quite an interesting attraction to the crowd of over two thousand who visited the show. As this was the first year we have had a special section for Roses at our spring show, many exclamations of delight were heard as the new varieties including the shades of Apricot, Gold, Cerise, Copper, Coral, etc., were seen for the first time.

We had three classes, twelve, six and three, and there were four entries in each class. The Medal of the Rose Society of Ontario was won by Mr. J. W. MacDonald, with such varieties as Shot Silk, Admiration, Mrs. Henry Morse, Pink Pearl, Betty Uprichard, and Angele Pernet.

We feel sure that the display of Roses will do much to encourage the growing of the "Queen of Flowers" in this section.

J. W. MACDONALD

Some Reasons for Roses Failing

Professor A. H. Tomlinson, Ontario Agricultural College,
Guelph, Ont.

Often we have before us in our mind's eye an ideal Rose bloom, an ideal Rose garden, in fact, everything but the actual ideal rosary. Perhaps, with certain exceptions, such may be brought about in due course,—at least, such is always our hope. It is quite possible that a variety which produces the most lovely blossoms may not be hardy enough or suitable for our special garden. The difficulty, too, may be a matter of site, soil, or exposure. Thus, often a Rose lover, particularly a new enthusiast, becomes bitterly disappointed at results. Rose varieties must be such that will respond under our conditions, climatic, soil, site or what not, to bring about pleasure in connection with our Rose gardening effort.

In spite of the best treatment Rose varieties may not live particularly long, especially modern ones, and in this connection we must more or less foster an expectant mood because even our best Roses may leave us sooner or later. In the first place, not any Tea Rose should be considered for outside purposes in Ontario, and, for that matter, the same thing may be said of certain Hybrid Teas. However, the

desire is frequently too strong when reports and new catalogues come along with more wonderful Roses, according to descriptions, than ever before seen, and naturally we become victims and purchase new Roses. It is much wiser to buy recognized suitable sorts for our specific district and garden conditions, and to hold in subjection the adventurous spirit within us.

As far as soil conditions are concerned should water be found lodging in the spring time trouble is likely to result. In this case satisfactory drainage is most necessary for success. On the other hand, if the site be fully exposed and high, particularly well drained, also with fair soil conditions, it is likely that summer droughts and direct sunshine may give us cause for anxiety at times, not forgetting the winter blasts. Thus windbreaks will be needed, such as evergreens or fast growing shrubs.

Without moisture-holding barnyard manure or other organic material introduced into porous, infertile soils, it may be impossible to bring about our Rose garden ideal. Should the soil be particularly acid or sour through excessive moisture or organic material, not only should drainage be supplied but also a soil condition which will bring about a neutral or alkali reaction. Thus the use of lime in some form or other, or the addition of soil strong in lime, will be needed for our Rose garden. At times a too liberal application of chemical fertilizers may prove dangerous. A good thing to remember is that it is well to only feed Rose plants, or any others for that matter, as they are able to assimilate new plant food. Giving a weak Rose tree an extra amount of fertilizer or manure usually means the destruction of the poor plant.

Always, in planting Rose bushes, it should be sturdy plants that are set out. The usual fate of a weak Rose is a lingering death, filling us only with despair. Should a recognized valuable variety be giving cause for unrest it may be wise to take it up, examine the roots and soil, and plant somewhere else or in the same spot with fresh earth. Among other things to be considered is a large number of earth worms present in the soil, often caused by an extra amount of moisture or manure, or other organic matter, and producing a sour soil condition. These earth worms may be controlled with freshly slacked lime placed over the soil before a light rain or watering. This treatment will bring the worms to the surface, when they may be raked off. Old slacked lime is of no use for this purpose.

Very deep planting or shallow planting may be considered as giving cause for unfortunate results. Always in planting Roses the roots should be spread out and the plants set a little deeper than previously or the same depth,—not shallower. Thus the budding of Roses should be done as near the roots as possible rather than up the stem at some length, and when possible to choose, only Roses budded close to the roots should be purchased. The closeness of the growth to the roots or crown often determines the success of a Rose, particularly with novices, owing to the possible lack of attention paid to sucker growth.

Always when foreign growth appears from below the point where budding or grafting has taken place it should be cut away.

The writer does not urge that established Rose bushes be cut back too severely every year. This, in the writer's estimation, helps to bring about unfitness. Always, discretion is necessary, newly-planted bushes needing severe cutting, of course.

Feeding of Rose bushes, together with the cutting back of recently flowering wood, should be done following the first blossoming of the season, particularly with Hybrid Teas, while old growth of Rambler types should be cut out entirely.

The desire of some Rose enthusiasts to plant luxuriant Annual plants among Roses brings about disaster on account of over-crowding and the consequent shutting out of sunlight and air from the Rose bushes, thus producing weak and immature growth which will result in poor prospects for the next season's blooms.

The foregoing may or may not cover the subject with which the writer was requested to deal, but it offers a few suggestions which may help one towards one's ideal. Success in a Rose garden is dependent upon constant care and observation but real Rose lovers will always admit that, although such is the case, the beautiful Rose blooms that do come along amply repay all our efforts.

ANNOUNCEMENT

The Great Annual Summer Show

will be held in

THE ROYAL YORK HOTEL, TORONTO

on 26th JUNE, 1930

It is expected that on that day every member will do his duty.

Garden Visitors

By Miss Ella M. Harcourt

There are certain essential qualities which should be developed in all garden visitors, and in this age of tests and analyses there is no reason why a short examination should not be passed and a license granted. For instance, no one should be permitted to view our gardens,—and especially mine,—who has no imagination; whose soul is so dead that he cannot gaze ecstatically at a vast waste of earth, dotted with wooden labels marking tiny green oases, and see beautiful visions like the pictures in the catalogues. Carefully cultivated, the imaginative visitor can become the ideal visionary who sees Roses in our piles of bone meal and Tonk's Mixture, and who loves to linger amid our Sulphur and Copper Carbonate Sprays. For it is a sad fact, recognized by all amateur gardeners, that the visitor never arrives at the right time. A much better, because sadder, motto for a sundial than "Tempus Fugit" or "Nox Venit" is "O That You Had Come Last Week!" Translated into Latin it could, perhaps, be shortened.

Another very necessary thing for the garden visitor to remember is,—let him leave his own garden at home. In fact, this should be written over the gateway,—“All other gardens abandon ye who enter here.” For what is more annoying than the visitor who flits from plant to plant exclaiming—“I have that one,” “What's this called?” and “So-and-So has a whole bed of these.” I think the above-mentioned type is the worst because incurable,—for the ignorant and the tactless we have hope; I mean the one who wonders, in midsummer, why your Perpetual Roses have no blooms, and, in autumn, why your Pernetianas have no leaves!

As we are all liable to be garden visitors at some time, let us set the standard of sympathetic imagination, interest and tact; for gardeners are sensitive people, closely akin to artists and musicians in temperament.

O, red Rose on the tree,
The red thy petals flushing,
The sun in wooing thee
Has wiled thee into blushing.

—From An Old Love Song.

Black Spot

By Major A. D. G. Shelley, R.E., Guildford, England

(Reprinted by the kind permission of The National Rose Society.)

The havoc caused by Black Spot has not only become a serious obstacle to Rose growing, but threatens to attain such menacing dimensions that it behoves all of us who grow Roses, whether as amateurs or professionals, to do our bit towards stamping out the disease. In the Rose Annual for 1925 I contributed a short paper on Black Spot, in which was given the life history of the fungus, so far as it was known, and the methods I advocated for combating the disease. The treatment, I admit, might appear to be over elaborate and rather more theoretical than practical, but I have swallowed my own medicine, and Black Spot is practically non-existent in my small Rose patch. I am inclined to think that as the result of two years' treatment on the lines indicated in my paper my garden would have been absolutely free from the disease but for reinfection from imported plants and from neighboring gardens. For instance: this year, with but two exceptions, the only early cases of Black Spot occurred on and immediately around new plants, and were soon checked by pruning and spraying with Bordeaux Mixture. Further cases occurred in September on Climbers on or near the house, which is some distance from the Rose beds, and a locality hitherto free from the disease. These later attacks I can only attribute to infection from outside sources, and if this surmise be correct, it emphasizes the need for collective effort in eradicating the disease.

In view of the really serious nature of the present epidemic of Black Spot, I have been asked by the Editor to detail the measures which, with our existing knowledge, seem to offer the best means of checking the disease. In obeying this behest I am obliged to repeat a good deal of what I wrote in the 1925 Annual, and for this I crave forgiveness.

To properly understand the problem before us we have to remember that Black Spot is caused by a fungus (*Diplocarpon Rosae*) growing inside the leaf tissues and only coming to the surface for "seeding" purposes, so that no amount of spraying at safe strength can kill it. In England the spread of the fungus is, so far as is known, entirely effected by the dissemination of "Summer" spores, but in America a "Winter"

spore is produced, which is a much more difficult organism to exterminate. With us, therefore, the disease is perpetuated from year to year by the continued existence of the developed fungus, and we know that during the winter it lives (a) on the young wood of the previous season's growth; (b) in adherent foliage, and (c) almost certainly in fallen foliage and leaf stalks. In order to destroy this hibernating fungus I suggest the adoption of the following measures:—

(1) The early collection and burning of all diseased growths, whether directly removed from the plants or picked up from the ground.

(2) The removal at all times of useless twiggy growth, especially such as is near the ground.

(3) In early winter the removal from affected beds of two or three inches of top soil and its replacement with earth obtained from the vegetable portion of the garden.

(4) Two sprayings in mid-winter at the interval of a fortnight with a solution of Sulphate of Copper at a strength of three-quarters of an ounce of the latter to a gallon of water. Both plants and the ground under and between them should be sprayed. This will destroy foliage and leaf stalks, and also any Black Spot fungus in or on them.

(5) In badly attacked gardens the removal of as much young wood as can safely be cut away is beneficial.

These measures are devised for the purpose of killing and removing as much of the living fungus as possible, so that the most important are winter spraying and the removal of infected soil. The former kills the hibernating fungus on the plants and in the soil, and the latter removes most of the fungus which is not on the plants.

With every care in carrying out these measures it is quite impossible to kill or remove every speck of fungus, and though they will enormously check the spreading of the disease, the plants ought to be frequently examined for Black Spot as soon as they are in leaf. Directly any trace of the disease is noticed, the affected foliage should be promptly removed and burned, and the plants with those immediately around them sprayed with Bordeaux Mixture made up in the following proportions:—

Sulphate of Copper.....	1½ lbs.
Lime.....	1 lb.
Water.....	17 gallons

Ready-made preparations of this fungicide, either in the form of a powder or as a paste known as Borderite, can be obtained from horticultural dealers, or from the Army and Navy Co-operative Society, Limited, of 105 Victoria Street, London S.W. 1, and of course if these preparations are used the maker's instructions as to strength should be followed. Usually the first sign of Black Spot will be noticed on foliage near the ground, especially where there is a tangle of twiggy growth, and naturally this plague centre should be removed with the knife as soon as possible.

I feel I must conclude this short paper by repeating the advice I gave in 1925 as to treatment of new purchases. It goes without saying that professional growers do not deliberately send out diseased Roses, but with all possible care they cannot avoid supplying infected plants if Black Spot exists in their nurseries. It must also be remembered that in the case of new varieties they often must send out plants which have been grown outside their control. It is, therefore, evident that we cannot rely on getting disease-free Roses, and this being so it is most necessary to disinfect all new purchases. This can easily be done by dipping the tops of the plants in a pail or small tub filled with some disinfectant such as Bordeaux Mixture, and in wet weather allowing the fungicide to dry on the plants before taking them out into the open. As an additional safeguard against the introduction of diseased Roses into one's garden I recommend that the nurseries of prospective suppliers should be visited.

How to Prune Climbing Roses

By P. B. Sanders, O.A.C., Guelph

The editors have requested that more information on the above subject be included in this year's Annual as a belated footnote to my contribution on Climbing Roses, published in the 1929 Year Book; and, in order to clarify this rather vexing problem, the various types of Climbers will be discussed separately, definite instructions being given in the pruning of each type; and lists of varieties as examples of the group will be presented.

Climbing Roses (Multiflora type)

This type produces its bloom on one-year-old canes and on strong laterals, or side shoots, on two-year-old wood. Pruning should be done as soon as possible after the bush

has finished blooming, and consists of the removal of all but first and second year wood.

Examples: Crimson Rambler; Goldfinch; Mrs. T. W. Flight; Paul's Carmine Pillar; Pemberton's White Rambler; Philadelphia; Tausendschon; Veilchenblau.

Rambler Roses (Wichuraiana type)

This is the most popular type of Climbing Roses we have, and probably more varieties are offered for sale than of all the other types combined. This type produces either long trailing shoots (ten to fifteen feet in length) or rigid upright stems of a similar length. Flowering wood consists of the laterals produced on these strong new shoots so that in pruning, all young strong growths should be left. The time to prune is in early fall.

Examples: Alberic Barbier, Albertine, Alida Lovett, American Pillar, Aviateur Bleriot, Bess Lovett, Christine Wright, Diabolo, Dorothy Perkins, Dr. Huey, Dr. W. Van Fleet, Emily Gray, Euphrosyne, Evangeline, Excelsa, Fraicheur, Francois Juranville, Gerbe Rose, Hiawatha, Lady Gay, Leontine Gervais, Mary Lovett, Mary Wallace, Minnehaha, Paul's Scarlet Climber, Prof. C. S. Sargent, Purity, Rene Andre, Sander's White, Silver Moon, Snowflake, Sodenia, White Dorothy and Yvonne.

Pillar Roses

This type includes varieties from the various classes of Climbing Roses, and the individual members should be pruned according to the class in which they belong. Pillar roses are grown to cover pillars or posts or supports of varying heights, and the following are good examples of varieties which may be used for this purpose:

Alberic Barbier (Wich.), American Pillar (Wich.), Paul's Carmine Pillar (Mult.), Diabolo (Wich.), Excelsa (Wich.), Francois Juranville (Wich.), Cl. Gruss an Teplitz (H.T.), Cl. Hugh Dickson (H.P.), Leontine Gervais (Wich.), Minnehaha (Wich.), and Rene Andre (Wich.).

Climbing Hybrid Teas and Hybrid Perpetuals

Varieties of this type, which may include also, Climbing Pernetianas and Polyanthas, should be thinned out after flowering and pruned in March. Pruning actually is the removal of dead wood and shoots more than two years old. Heavy pruning is not necessary, and is frequently inadvisable as it may cause the plant to revert to its former dwarf habit of growth.

Rose Soils

By Mr. P. H. Mitchell

Soils are formed of materials from the earth's original rocky crust, from the molten outflows and the sedimentary rocks formed later in the earth's history and mixed with these is the humus—the organic remains of animal and plant life of this year and of thousands of years before.

Ontario is greatly blessed with good soils. The Canadian Shield, the richest rock formation in the world, contributed part of the soil by glacial action—when the site of Toronto was covered with ice a mile high—and the great limestone and shale areas east of Belleville and from Niagara to Manitoulin Island added their portions. Then our ancient seas mixed some more ingredients as the salt beds of southwestern Ontario attest; those salt beds which are several hundred feet thick and are a thousand feet below the surface represent millions of years when part of Ontario was below a salty ocean. Then there were later lakes when Avenue Road Hill in Toronto was the northerly shore of a great inland sea and previous to this was a larger lake with its shores traceable from Forest around to Cooksville. In this early lake Fonthill seems to have been an island and yet Fonthill lies on top of a filled-in gorge which was an ancient counterpart of Niagara, probably about the time when the Upper Lakes flowed down the great valley north of Richmond Hill and discharged at Scarboro.

The surface of the earth is always changing—very slowly—but all these changes have helped to make the soil and have made Ontario a very fine Province to live in and in which to grow very fine roses.

A Rose plant requires some thirteen of the elements in its make-up. In an article "Rose Fertilizers" in the 1929 R.S.O. Year Book, it was shown that the necessary carbon is absorbed by the leaves from the carbonic acid of the air; hydrogen is secured from the air; oxygen is secured from the air and from various sources by the roots; calcium, iron, sodium, magnesium, chlorine and silica are taken from the soil by the roots; nitrogen, phosphorous and potassium are required in large quantities and must be supplied through the roots and as the naturally available supplies are readily exhausted these three elements must be replenished as "Fertilizer."

Soil has the multifold duties of holding the plant in place, providing a feeding place for the roots, supplying soil foods and being a medium for applied foods, admitting air to the roots, securing and holding water when it rains and securing water from the sub-soil when rain is lacking, and, above all, it is a home for the great chemical and bacteriological laboratory which prepares the foods for assimilation by the Rose roots.

The plant requirements, absorbed by the roots, are not utilized as nature puts them into the soil but, by means of air, moisture, chemical change and by rearrangement by soil bacteria are converted into more suitable forms.

The roots of the Rose as we see them do not show their real feeding parts. We know the roots, root branches and rootlets but the actual feeding is done by root hairs which are almost microscopic in size. The root hairs occur just behind the root cap on the ends of the fine rootlets and as the rootlets extend new root hairs are produced and the older ones die off. A fibrous root system developed after the Rose has been planted and encouragement given to extend the fibrous growth will produce the most capable feeding system.

Moisture is a great essential. Water is the ultimate solvent of the rose foods. Enough is enough however as with a surplus of water the foods in the soil are washed away or overdiluted while in water bacterial action ceases and in a cold wet soil feeding and growing are much slowed up. Plenty of water and efficient drainage are most necessary.

Bacteria swarm in soil but they are so small they cannot be seen. A cubic foot of good rose soil will probably contain many billion bacteria of good, bad and indifferent varieties. They all work hard to live and the friendly ones in doing so convert the raw foods into those adapted for plant requirements. Bacteria require a humus surrounding and for their best work want a soil temperature of between sixty and ninety degrees with fresh air down in the soil and moderate moisture. These conditions are best found about five or six inches below the surface.

Soil requires air penetrating down into the roots to sustain growth. The soil actually breathes air. Well compacted loam permits the air to move; some clays may be too dense to permit free air movement and a hard crust on the surface can keep air away altogether. Winds, besides

loosening the roots, tearing the rootlets and stripping the root hairs, will create greater evaporation. A spot sheltered from heavy winds and from draughts but allowing air to freely circulate will make a favoured site for the garden.

What is a good Rose soil? There are soils and soils. There are some soils that are naturally good and other soils that are as good as you make them. Nearly all soils can be made to grow roses. Preference will be for a deep loam approaching the clay state and will be well drained. Such a soil will have plenty of humus; will have the requisite mineral constituents; will have a good inherent balance of nitrogen, phosphates and potash and will have lime to last for years. This soil will grow Roses but a Rosarian will want to make it richer before the Roses are planted.

How rich a soil should be is a debatable question. Few soils are too rich in their natural state but we can certainly over-manure them and as we are inclined to follow the advice of English Rosarians those of us who can afford it, or who own a manure mine, only too readily make Rose soils too rich. In England it may be quite proper to be over-generous in having Rose beds almost one-half manure. Manure provides a well balanced diet for a full season or two without further additions of plant food and the plants grow merrily along producing beautiful, sappy, green wood into the fall and winter. In Canada such unripened wood is doomed to be killed in winter frosts. Far better to only moderately enrich the soil and depend on controlled feeding from the surface to give the plants all the food they need, either for general garden purposes or for exhibition blooms and you will then be able to force the good new wood to ripen and so endure the winter's cold.

We cannot all have an ideal soil to start with. I had an experience with beach sand when I built a garden at Toronto Island where the sand had to be dug out and replaced by earth brought from the City on scows; it was the only way to build a Rose garden there, but it was worth it. And, again, I have seen a fine garden in soil placed in crevices of rock up near Cobalt. These are extremes but insatiable desires will overcome even extremes.

What have you? Clay, loam, peat, sand, gravel, more or less stone? Most minute instructions can be given for adapting any soil to the growing of Roses but if you will study the Rose by beginning at the roots you can solve the problem for yourself.



A section of the Rose garden at Cornell University, Ithaca, N.Y.

Rose Gardens at Cornell University

By Mr. Alfred M. S. Pridham

The gardens are located in a natural amphitheater on route 13 from Ithaca to Syracuse. The location is ideal in many ways and the wooded hills add decidedly to the beauty of the garden.

Originally the collection was located in a rather unfavorable section of the College farm, so that in moving to the new location, while conditions were better we had to start with old, well-established plants which are often difficult to move satisfactorily.

The present collection contains many rose species and about 800 varieties. The species are planted in a border which surrounds the garden. The climbing roses are grown both on a wire fence and on pipe standards. The inner portion of the garden is divided into four sections of eight rectangular beds each. The one half is devoted to the hybrid teas and the other to the hybrid perpetuals.

Formerly our work was of a botanical nature, and elaborate descriptions and many photographs were made of the varieties. At present we are devoting more of our energy to the study of such cultural problems as winter protection, soil fertility and "own root" roses. We are also working in close co-operation with the department of plant pathology whose findings are published in the American Rose Annual.

I am enclosing a picture of the garden hoping that it may entice a few of your members to visit our gardens when they are in the Finger Lakes Region.

Roses in Florida

By Miss Helen L. Beardmore

The Gables, Kissimmee, Fla.,

It is a well-known fact that Presidents are drawn from a hardy and adventurous section of the human race, so that it should cause no surprise to the members of the Rose Society of Ontario that one of their past presidents, accompanied by a peevish Iris-lover, boldly set forth to drive her car from Meadowvale-on-the-Credit, Ontario, into the wilds of Florida, to Kissimmee, known as one of the cow-towns of the State.

A start was made on November the sixth, when the garden at home was bare of any blooms owing to early frosts.

South of Lake Ontario Roses were to be seen here and there, and many a bush in bloom was passed while motoring across the State of New York.

But it may as well be said that the main interest of the journey down centered on crops of a more intriguing type!

While becoming entangled with the coloured tobacco growers between Meherrin, Virginia, and Fuquay Springs, North Carolina, life seemed a little hectic. It became necessary to gain assistance for a tow back to a garage a few miles away. A fine sight was presented on Thanksgiving Day by two of the Pillars of the R.S.O. in a somewhat dishevelled car, being towed by a glittering new Ford full of Negro tobacco growers dressed beyond description in gala attire, out for a holiday and generally pleased with themselves.

To see the wily peanut in his lair was exciting enough, his meadows were covered by pretty little pointed stacks of a hitherto unknown style.

Sliding on further South interest waxed with the first glimpse of the cotton fields, the first sugar plantations and the first citrus groves.

The varieties of Palms were thrilling, the date, banana, cocoanut and cabbage palms appeared in their hundreds and thousands!

Few could imagine cutting down a tree for a cabbage in its heart! Yet that is what the negroes will do, to the despair of the owners. Our host told us this sadly, while admitting that he too liked that cabbage himself.

At last (December the sixth), on arrival at the Gables, two miles beyond Kissimmee, with its picturesque cowboys, bowls of lovely outdoor roses were found in the big living-room, and roses in every bedroom, to welcome the Northern guests, on completion of the long trail of two thousand miles!

1. Soils and Growing Conditions

The growing of roses in Florida is enlivened by the knowledge that it is possible to have blooms all the year through.

Reliable information to this effect is given by the department of Horticulture, in the State College of Agriculture at Gainesville, Florida. Professor Floyd's list of his favorite dozen roses is given with this account.



LADY MARGARET STEWART, H.T.

South of Jacksonville the problem in relation to soils and growing conditions is an entirely new one.

In the Northern part of the State Roses grow naturally and with little care, while in the central and southern sections it has been a matter of gradually acquiring the knowledge of how to combat conditions, and of how to apply McFarland's dictum for "The Rose in America," viz.: the protected open with 60% of sunlight and 100% of air circulation."

The rank growth of all trees except pines, has to be avoided of course. The strong roots of Magnolias, Bamboos and Orange trees are especially trying, while the ever present Palmetto is a perfect nuisance.

Looking at the sand here, twenty miles south of Orlando, it would seem as though no rose could survive in it for fertilizer and water leach through it so rapidly.

However, the growers are told to plant in the soil as it is and to keep on fertilizing from the top.

When possible, the virgin soil from the woods is dug into the beds as a preliminary. The levels are kept lower than the surrounding ground, in order to hold water and a summer mulch of muck soil, pine needles or oak leaves.

Shallow cultivation is practised, except during the summer, and while ample water to the roots is essential, "More hoes and less hose" is frequently advised.

They are told to plant in dry soil in January and February, watering and filling at the same time. One-third of a pound of bone meal is given then and manure is added three weeks later. Thereafter the best growers fertilize once a month, except during the summer. They use well rotted stable, or fresh dairy manure, hard wood ashes, blood and bone, or tankage.

Any necessary pruning is done in October and November when the hottest weather is over.

Some rose growers find very little pruning necessary, especially for the most successful varieties, Radiance, Louis Phillipe (the Florida rose) and Minnie Francis.

2. Varieties in General Use

Every amateur rose grower with whom this subject was discussed, unhesitatingly gave Radiance as the most reliable rose to grow, while Radiance derivatives were also included by Mr. Bevan, a distinguished amateur gardener on the shores of Lake Tohopekalaga.

The following is the favourite list of Professor W. L. Floyd, of the Department of Horticulture, in connection with the University of Florida at Gainesville.

The stock proving most successful is the Texas Wax (rosa odorata).

The first six are teas, the best group for Florida.

Duchesse de Brabant—Pale pink, stems rather short for cutting.

Madame Lambard—Darker on outside of petals than on inside, stems rather short, the most vigorous pink they have.

Safrano—Salmon colored buds of exquisite shape, semi-double flowers.

Maman Cochet—Rosy pink double flowers of fine form and substance. The white sport is also good as a bush and climber.

Marie Van Houtte—Light yellow, edged with rose, very strong grower.

Lady Hillingdon—Slender pointed buds and flowers of saffron yellow. The climber of this is more vigorous than the bush form.

Antoine Rivoire—Creamy white, delicately tinted with pink. Hybrid tea.

Radiance—The easiest grown, and most reliable pink Hybrid tea. The Red Radiance is equally desirable.

Etoile de France—A hybrid tea with velvety crimson buds and flowers borne on strong stiff stems.

Kaiserin Auguste Viktoria—A standard old hybrid tea. Flowers are snowy white with a tint of lemon in the center. The climber of this is desirable also.

Francis Scott Key—Large, deep red, lasts well when cut, thrifty growing hybrid tea.

Frau Karl Druschki—Often called White American Beauty, a hybrid perpetual, large, full, snow white blooms.

Louis Philippe—A Bengal rose, often called the Florida Rose; a wealth of dark red blooms are produced continually. It is one of the few that grow satisfactorily from cuttings.

In this selection he has not given long strong stems, so much desired in cutting roses, much consideration; rather beauty in the garden and in vases and baskets in the house. All important colors are represented.

Desirable Climbers

Reine Marie Henriette—A fine growing plant producing large cherry red flowers.

Reve d'Or—A vigorous climbing Noisette; flowers creamy yellow.

Paul's Scarlet—Vivid scarlet, shaded crimson; blooms profusely in spring.

Dr. Van Fleet—Rank Climber, flowers flesh-pink, deepening to rose in center.

Troubles of the Rose

Roses in Florida are not especially subject to diseases and pests.

The worst seem to be, as elsewhere, blackspot and mildew. A dust spray of nine parts sulphur, one part arsenate of lead and one-half of the bulk of both in ground tobacco, is largely used early in the mornings on young growth and followed up every three weeks until under control.

The greatest fear of the ordinary amateur seems to be concerned with the light frosts that may occur in December and January when the petals of the opening buds may be spoiled. (But, of course, kindly remember that it is a secret that King Frost ever pokes his nose into the State of Florida at all.)

At this time husbands are likely, on suspicious nights, to raid their wives' laundry bags, and to lay the sheets over the rose beds, which practice may lead to lively discussions upon the subject of thorns and little three cornered tears in the best sheets. N.B.—This practice answers well for the roses, but a certain judicious care in managing the chatelaine is advised.

The Glen Saint Mary Nurseries propagate more roses than any other nursery in the State and this firm is the chief source of supply.

There is no doubt that the Queen of flowers is taking very kindly to the treatment given in Florida, on the higher lands of the interior, at any rate.

The pride of the "Crackers" is great. "Crackers," by the way, are natives having a descent of three generations born in the State of Florida.

The Rose is fairest when 'tis budding new;
The Rose is sweetest washed in morning dew.—Scott

The City Rose Garden

By A. J. Webster

The task of discussing the plans for a city Rose garden is not as easy as might appear at first glance. In undertaking it we had not a proper appreciation of the limitations imposed upon our imagination by the restricted space available to the average city dweller. We had thought this would work out to our advantage and lighten our task but we find that it prevents the development of our ideas of an ideal Rose garden,—the one which we hope, some time, to possess.

The Rose is an accommodating plant. While appreciating and responding generously to liberal feeding and intelligent care yet it has been observed doing surprisingly well under conditions which most rosarians would regard as distinctly unfavorable. Each succeeding year of experience brings with it a firmer conviction that, because of the charm, refinement and fragrance of its blooms, its comparative hardiness, its productivity throughout a lengthy period, its low initial cost, its individuality,—we almost used the term “personality” because those of us who have gotten beyond a nodding acquaintance with the Rose are aware that it possesses a non-material something which conveys inspiring messages to us quite apart from the stimulus to our senses,—it is justly entitled to be described as the Queen of Flowers. But we are wandering from our subject.

The city dweller with an ambition to grow Roses should not be discouraged because of the quality of his soil unless it be white sand. We have seen good results obtained in a variety of soils although cultural and fertilization methods must vary to suit prevailing soil conditions. This is a matter, however, which scarcely falls within the scope of this article. The main idea in the establishment of a Rose garden is to grow good Roses, but that does not necessarily mean that they are to be planted in rows like potatoes. Mere cultivation of Roses, while the prime object, should not be our sole aim. It is desirable that we adopt a design which, upon completion of planting, will be pleasing to our artistic sense. We must keep prominently in mind the importance of an arrangement whereby, without treading on the beds, access can be gained to each plant, thus permitting close inspection and facilitating the work of ministering to its wants. It is desirable also that our design should render it possible to place in association

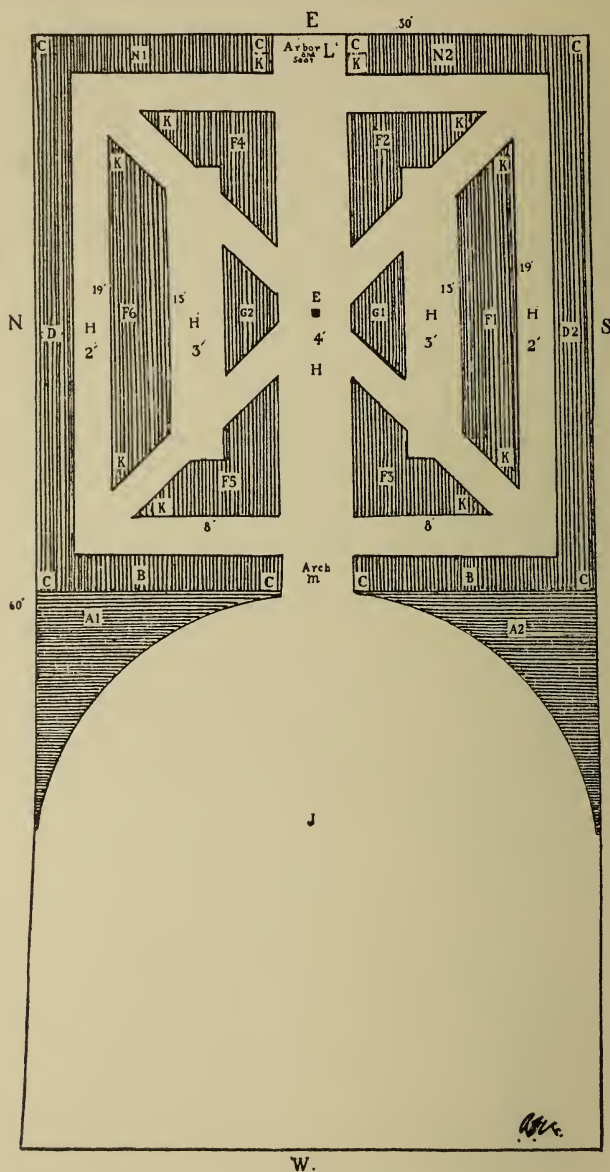
those varieties which help each other by forming color contrasts or harmonies. The Rose lends itself most happily to the class of gardening effort known as formal, and the small city lot also can be handled most effectively in a formal manner. With the exception of some species of vigorous growth, Roses do not usually prosper in a border in competition with other flowers, possibly because in such a position they are not the objects of such close scrutiny and, as a consequence, their requirements are frequently overlooked.

We have heard it said that the ideal location for a Rose garden is on gently sloping ground, with protection in the form of a hedge on the west, north and east sides. Perhaps so, but some of the finest blooms we have ever been privileged to see were grown on a city lot protected only on the east side by the owner's house, and otherwise exposed to all the winds that blew! Again, theoretically desirable but not essential.

We are submitting a design, not with any particular pride, nor with any pretentious claims to merit, but merely to illustrate more clearly than we can do otherwise the possibilities which a small city back lot offers. We realize that it will not be applicable to all conditions, and we do not even suggest its adoption by any reader because we are aware that every gardener will derive the maximum of satisfaction out of the development of a plan of his own.

As the majority of city lots are rectangular in shape we have selected one of this type for our purpose, and with available garden space of 900 square feet, — the dimensions being 30 by 60 feet, — one-half of which is utilized as a formal Rose garden. The design provides for 26 Hybrid Perpetuals, 100 Hybrid Tea dwarfs, 10 Hybrid Tea half-standards, 8 Ramblers, 6 less vigorous Climbers, 18 Polyanthas, and 6 of a type suitable for the formation of a hedge. For the latter purpose we suggest Gruss an Teplitz because of its vigor, resistance to disease, hardiness, free-blooming qualities, and fragrance. Provision is made also for two groups of Rose species such as Hugonis, Moyesii, etc., Hybrid Bourbons like Zephyrin Drouhin or Kathleen Harrop, Hybrid Rugosas, or Hybrid Musks. The taller growing varieties, of course, should be planted in the background.

We would use the south bed (f1) for the crimsons, bed (f2) for whites and creams, bed (f3) for yellows, (f4) for light pinks, (f5) for apricot and orange shades, and (f6) for dark pinks. Beds (g1) and (g2) may be used for Polyanthas



Plan for City Rose Garden

or for more Hybrid Teas of dwarf habit, but in either event we would use red shades in bed (g1) and either yellow, apricot or pink shades in bed (g2). It will be observed that we have endeavored to keep at a respectable distance from each other the pinks and reds as these shades do not associate well. Beds (d1) and (d2) may be planted with the more vigorous varieties of the Hybrid Tea section should these be preferred to the Hybrid Perpetuals. For beds (n1) and (n2) we suggest varieties such as Paul's Scarlet Climber, Dr. Huey, The Beacon, Emily Gray, Black Boy, or Climbing Madame Edouard Herriot. Several other varieties of the Climbing Hybrid Teas would also be suitable, but some, particularly Climbing Ophelia and Climbing Lady Ashtown are usually too vigorous for this position. The half-standards, of course, should be of the same shade as the dwarfs in their respective beds. A few varieties which do well as standards are Red Letter Day, K. of K., Hortulanus Budde, Lamia, Mrs. Wemyss Quin, and White Ensign. These are all very free bloomers.

Our plan provides for grass paths because no other arrangement is so pleasing to the eye. Grass paths also tend to offset any impression of harshness which may characterize the design, and the only objection to them is the amount of labor which their maintenance involves. Their edges must be kept closely trimmed and unless one is prepared to give them the necessary attention we would suggest the use of flagstones instead. The centre of the whole design may be occupied by a sundial, gazing globe, bird bath, a piece of statuary, or a fountain, according as one's taste and pocket book may dictate.

The section (j) may be left as lawn or may be utilized in part for the planting of other flowers and shrubs, or for a garage, but as in this article we are primarily concerned with the Rose garden we do not propose to deal with other matters. It occurs to us, however, that most Rose growers enjoy adventuring with new varieties of uncertain value, and for this purpose, rather than introduce these into the Rose garden proper, one may establish beds along the north side of section (j). In these trial beds one may experiment with novelties, a pastime which yields an occasional thrill but many disappointments.

The point marked (1) is a seat to which one may retire for solitude and reflection and from which one may view the results of his efforts,—with satisfaction or disgust, depending

upon the degree of thoroughness involved in the execution of the plan. It is protected from the sun's rays by an arch upon which vigorous climbers find support.

The cost of such a garden would be insignificant in relation to the satisfaction which it would yield. Once formed and planted its maintenance would be more economical than that of any other form of garden development. We are convinced that a garden of this character would grow in attractiveness with the years, and as each nook and cranny became more intimate.

Color Effect in the Rose Garden

By Dr. A. H. Rolph

I have been asked to write this article in spite of the fact that my efforts to produce satisfactory colour effects in a formal rose garden have been, for the most part, highly unsuccessful. My only excuse for accepting the task is that my mistakes ought to be useful to others rash enough to attempt it. Consequently you will find this article largely compiled of the things you ought not to do.

In the first place, I do not wish to assume that a definite colour scheme is necessary to make a rose garden beautiful. Roses of all colours can be mixed either in a bouquet or in a garden and still be very lovely; but a certain amount of arrangement will undoubtedly make them more so.

Certain combinations of colours are far from desirable. Take such a rose as Mme. Edouard Herriot, for example, and place next to it any of the bluey-crimson roses—General McArthur, say,—and you will produce what Mrs. Harding happily describes as “a clash that can be heard for miles.”

English authorities advise us to plant our roses one variety to a bed, and that is an excellent “counsel of perfection,” but it means that most of us would either make our beds ridiculously small or else grow very few varieties. In spite of their sage advice and my own unhappy failures, I still believe that there is a way out of the difficulty. With the wonderful choice of colours now available surely we can combine many varieties of roses without spoiling the general effect of the garden or producing any really evil clashes of colour.

Our first difficulty arises from the fact that we have to rely on very misleading colour descriptions of new roses given

in catalogues. Even when these are justified in their relation to European conditions they give no adequate idea of the garden effect of the same roses under the hotter, drier conditions of our climate. How many yellow or orange roses will not fade into cream or pink for us within a few hours of opening? And how many reds can resist the temptation to turn blue with the first hot rays of our summer sun?

Unfortunately we also have to contend with the tendency of a great many of the most beautiful modern roses to "kill" the colour of their neighbors. The reason for this is to be found in the extensive intermixture of yellow in the Hybrid Teas, derived, I believe, largely from the Austrian Yellow through the Pernetianas. Its influence is seen in nearly all the newer pinks and reds, giving them a brilliancy which was lacking in the older roses. Willowmere is a well known example of this, being a good salmon pink colour; but even roses like Dame Edith Helen, which has been described as a pure pink, have a strain of yellow in them which can be appreciated if you place them beside a bloom of Mme. Caroline Testout. In short, the bluish strain in the pink and red roses has been neutralized by the introduction of yellow and the greater the amount of the yellow in a rose the more it tends to kill the colour of the roses which lack it.

Hence, in placing our pink roses in the garden we will do well to keep our yellow-pinks at a distance from our pure pinks and rose pinks. The former class, now so popular, are too numerous to mention; the latter include such outstanding roses as George Ahrends, Caroline Testout, Lady Ashtown, Lady Alice Stanley, Mrs. Bertram Walker, Una Wallace, Mrs. Henry Morse and Mrs. Henry Bowles. These may well be given a section of the garden to themselves and their nearest neighbors may be whites, pale pinks or the rosier reds.

We find the same difficulty in mixing the reds. The genuine scarlet-reds which do not fade into bluish tones are a lot of born fighters (no wonder so many of them are called after men!), and will kill pretty well everything within reach. A bluish crimson rose looks a sorry sight beside them and few colours of any kind go well with them except white and the paler yellows. Paul's Scarlet Climber is an excellent example of this, for it makes a deadly companion to any other red climbing rose, particularly to such old favorites as Crimson Rambler, Hiawatha and Excelsa. Even the gorgeous Dr. Huey looks dull beside it. Planted by itself, or in association

with white roses, Paul's Scarlet is undisputed King of the Rose Garden in its day, and if you can give it an open Western exposure, where it will catch the last rays of the setting sun, you will never cease to wonder at the glory of it. But soon, I suppose, it will be so over-planted that we will all tire of it, as we have of Dorothy Perkins, and will forget how beautiful it is.

Of the dwarf red roses that do not fade quickly into bluish tones the best I know are Etoile de Hollande, Hortulanus Budde, Miss C. E. Van Rossem, Lord Charlemont and the semi-double K. of K. Gruss an Teplitz and George Dickson fade a good deal but still retain rich colour, while Lady Inchiquin has a peculiar light red colour of its own.

On the other hand, we have some famous red roses which cannot be trusted not to turn blue very quickly in hot sun, such as Hugh Dickson, Avoca, Richmond and General McArthur. These must be kept carefully isolated from any of the reds in the foregoing list if they are to be given half a chance, and needless to say they must on no account be near any yellow-pink roses—from Mme. Herriot down.

Coming to the roses in which yellow is the prevailing colour we find our task easier, for they blend well. Cream, buff, yellow and orange shades make excellent companions and none of the yellow roses of my acquaintance are vivid enough to clash with any but the coldest of the pinks and the bluest of the reds. Needless to say, the pink roses blend with the yellows in proportion to the amount of yellow they contain, the strong salmon pinks like Etoile de Feu being best of all; and the number of modern roses which have a general garden effect of salmon pink is surprisingly large, for it includes such richly coloured roses as Mevrouw G. A. Van Rossem, Comtesse de Castilleja, Constance Casson, Angele Pernet, Lady Forteviot and many others. Most of the so-called orange roses likewise are orange only in the bud and quickly fade into rich shades of pink. They include Emma Wright, Independence Day and Lady Roundway. The nearest thing to orange-yellow that I know in a bedding rose is Toison d'Or but it cannot be called really orange and its growth is much too dwarf to make it a good companion for most other bedding roses.

Three of the richest-coloured Pernetiana roses, Mme. Edouard Herriot, The Queen Alexandra and Elvira Aramayo are almost impossible to blend with any others and are only satisfactory in beds by themselves.

Lastly, let me warn you that when you have chosen your colour scheme your troubles may not be over, for roses must not be planted without regard to their habits of growth.

Among the best bedding roses you will find many that will grow thirty inches high with ordinary cultivation and others that will rarely exceed eighteen inches. *Souvenir de Claudius Pernet*, *Mme. Herriot*, *Betty Uprichard*, *Lady Pirrie*, *Willowmere*, *Etoile de Hollande*, and *Capt. F. S. Harvey Cant* belong to the former group, while in the latter we have *Lamia*, *Emma Wright*, *Christine*, *Rev. F. Page-Roberts*, *Miss C. E. Van Rossem*, *Lady Roundway* and, in my experience, the lovely *Julien Potin*. And if you have a weakness for single roses beware of placing *Dainty Bess* and *Isobel* anywhere but in the background, for they will not be happy until they are three feet tall or more. Exquisitely beautiful for cutting, their blooms are rarely seen at their best in the garden, being borne almost entirely at the top of the plants which tend to look ungainly unless in very large masses.

Having kept the faith in all these ways you may still find your good work spoiled by the sad mischance of receiving from the dealers many roses untrue to name. An American writer has said that "the science of labelling seems to be still in its infancy on this continent" and the present writer would be the last to deny it, for he feels that he has suffered more than his share from this very evil. In the case of climbing roses it is a well-nigh unforgivable sin, for at least two seasons must be lost in correcting the mistake—if it is ever corrected. My own garden can show at least one such mistake which remains as a reproach and a "terrible example" to this day.

A Plea for Polyanthas

By Colonel Hugh A. Rose

When I was asked by Miss Ella Harcourt to contribute an article to the 1930 Annual, I suggested that the subject be *Polyantha* Roses. I have felt for some time that our members are not sufficiently acquainted with the many good qualities and the varied ways in which rose growers may use this charming class of roses.

Probably the hybridizers in Europe have made more advances in this group of roses in the past few years than in any other. It is not very long ago that the general know-

ledge of this class was confined and known to most of us, as the Baby Rambler, red, white and pink. But it is not so now. The description Baby Rambler will no longer suffice. Great strides forward have occurred, not only in the colours for we now have the full range of colours, from purest of white through the various shades, pink, coral, crimson, yellow to orange and orange carmine, but also in the formation of the bloom for we have the single, semi-double and double in both small and large flowered forms.

Most of these introductions are of a very hardy and vigorous constitution and are almost immune from mildew, black spot and other diseases. They do well with little care but return four-fold the attention which is their rightful due from the grower. From June until frost there is a rapid recurrence of flowers so that they may be truly called continuous bloomers.

We have many places for these beautiful roses in our gardens, small or large. As edging for Hybrid Perpetual or Hybrid Tea beds they are most useful and for garden effect give the impression that your beds are always in flower. At one time the writer had two large Hybrid Perpetual beds of 150 each which were edged with Polyanthas, that is, the outer row on all sides had been planted with Polyanthas. Many people seeing these beds from the street remarked that they always seemed to be in flower. As a matter of fact the Hybrid Perpetual bloom only lasted about four weeks in the latter part of June and early part of July while the pleasing garden effect given by these two beds was carried throughout the remainder of the season by the gallant Polyanthas.

They are equally useful in this regard for your Hybrid Tea beds and you will find the decorative effect of these beds has been wonderfully increased by so planting the outer rows.

In parks and where civic improvement is being carried forward by Horticultural Societies in towns and cities, entire beds are most attractive and give wonderful display results. With their brightness of colour and continuity of bloom they are ideal for this purpose. In such case, care should be taken to plant the strongest and tallest growing varieties in the centre and the more dwarf varieties at the outer edges. From the many good sorts now in commerce, you may have any colour scheme you desire.

If the size of your own garden permits you will be pleased by planting one or more beds. They are especially fine for table decoration and keep a long time in water.

Polyanthas also are entitled to a place in the shrubbery beds. Planted at the outer edges of the shrubbery border their bright coloured lasting effect throughout the whole season adds immensely to the charm of your shrubs. They do not need hard pruning excepting the first spring after planting or if spring planted at the time of planting when they should be cut back to three or four eyes; in after years simply cut out the dead wood, thin where advisable, to keep the centre from becoming too crowded and prune to the shape you desire and you will have a symmetrical rose bush in your shrubbery flowering all summer. Planting in groups of five or six heightens the effect.

In the various rose catalogues about two hundred varieties are offered for sale, one catalogue listing 123 different Polyanthas. I have tried a number of these and some of them I can recommend heartily to you. There is a group of large flowered Polyanthas recently introduced which includes Rodhatte, Joseph Guy, also named Lafayette, Else Poulsen, Kirsten Poulsen, Salmon Spray (generally listed as a Hybrid Tea), Pink Delight, Distinction and J. F. Muller.

At the head of the group I place **Else Poulsen**—with large semi-double flowers of bright rose pink, the buds being of a deeper shade and produced in sprays. It is a vigorous grower with beautiful clean foliage which is very handsome in itself. Flowers last a long time on the bush or after being cut. It is wonderful for all decorative work. Everyone should grow this rose.

Salmon Spray—in habit of growth very similar to Else Poulsen, but the flowers are more full and in colour are a rich salmon pink with the reverse of the petals carmine. This rose is usually listed in the catalogues as an Hybrid Tea.

Kirsten Poulsen—introduced in 1924 by the Danish Hybridizer D. T. Poulsen when he also gave us Else Poulsen. In colour, bright scarlet with a white eye, but sometimes the colour is a little dull. It is single and of medium size. It is also a strong vigorous grower and makes a very pretty vase or basket. When the colour is right, it is very beautiful.

Joseph Guy or **Lafayette** is a very useful bedder and flowers early and late. Its bright scarlet semi-double blooms make a wonderful show in the garden.

Distinction—introduced in 1927 is a sport of Joseph Guy. It is similar to its parent except in colour, which is a deep rose pink. I was much pleased with Distinction last season and have ordered more.

Pink Delight—is a lovely deep shade of wild rose pink and is a true single with nice large flowers. It is not so tall-growing or vigorous as those mentioned above.

Rodhatte was the forerunner of this group and appeared in commerce in 1911, also brought out by Poulsen. It is semi-double in form and cherry red in colour but lacks brightness and fades too quickly.

J. F. Muller is a sport of Rodhatte, first appearing in 1928, and is said to be of an intense dazzling dark red and if this is accurate would correct the fault in Rodhatte. It should be worth a trial.

All of the above are strong growers and if used in a bed should be planted in the centre.

In the small flowered group, we find many choice varieties that deserve a place in your garden. They come in all the colours. In red, I can recommend Eblouissant which is a fine deep velvety red; Edith Cavell, Ideal, Orleans Rose, Erna Teschendorff, Lady Reading and Rudolph Kluis Superior.

In the pink shades we have some very splendid ones to choose from. Ellen Poulsen with its large clusters of sweetly scented, brilliant pink flowers and vigorous constitution, makes a strong bush. Annchen Muller, brilliant rose; Chatillon Rose, bright pink; Suzanne Turbat, coral red shaded bright pink; Evelyn Thornton, shell pink; Coral Cluster, which heads the list this year with Kirsten Poulsen in the voting of the National Rose Society on Polyantha's; Mrs. W. H. Cutbush, bright deep pink, one of the old stand-bys (1906), and Dorothy Howarth, coral pink shaded salmon.

There are not so many yellows, but George Elger has been the most satisfactory for me, its coppery yellow buds being very pleasing. Perle d'Or has not grown well. Frau Dr. Ereth has charming, miniature yellow buds but soon loses its colour, and is not a vigorous enough grower. Gwyneth (Easleas) for there are two different Polyanthas named the same, has nice canary yellow buds but often opens white. A new yellow, Sunshine, is offered in this year's catalogues, deep orange to yellow and every thing good is claimed for it. I hope it is true.

Yvonne Rabier is the best of the whites and it is really fine. The flowers are somewhat larger than most Polyanthas and are borne in large clusters. It is a vigorous healthy plant and is always in bloom.

There are three others I should like to mention which did not fit in the above classifications, first, **Leonie Lamesch**, on account of its colour, which has flowers of bright coppery red, shaded with yellow. This combination is most pleasing; second, **Golden Salmon**, (1927) a most effective plant singly, but especially so in groups. The colour is a bright orange carmine and is most striking. It blooms in large full trusses and grows to be a strong bush of medium height. You will appreciate this rose. Third, **Gruss an Aachen**, for it is different from all other Polyanthas. The abundant flowers are as large as those of a medium sized Hybrid Tea and it is truly an ever-bloomer. In colour it is light pink, shaded salmon. It is a grand rose for massing and is suitable for edging.

The Rose "Talisman"

When one considers the brief period in which it has been in commerce the variety "Talisman" has attained an amazing degree of popularity. Of course, the reputation earned by this Rose is attributable to its performance in the greenhouse, and it still remains for "Talisman" to demonstrate its value as a garden Rose. The Editor has had one plant of it for one year but does not feel justified in expressing an opinion without further trial and with more specimens. In view of the public interest in the variety, however, we have requested our friend, Mr. John H. Dunlop, of Richmond Hill, Ont., to tell us something of its history and its behaviour as grown at his establishment. In reply to our enquiry Mr. Dunlop reports as follows:

"'Talisman' was hybridized by Mr. Alex. Montgomery, Jr., at Hadley, Mass., and is a cross between 'Ophelia' and 'Souvenir de Claudius Pernet.' Its color is a soft shade of yellow buff, showing in early stages of development a mixture of pink and light red tones. Without doubt it is the most productive Rose yet introduced when grown under glass. It has outclassed every Rose in the forcing list, and what is true of the variety under glass will be found in 'Talisman' when grown out of doors. It produces an unusually long, strong stem and can be cut with greater length than any other. The rich green and glossy foliage is luxuriant, and of the Pernetiana type. It is very attractive and sets the bloom off to great advantage. This Rose will be very extensively grown out of doors for the beauty of its coloring, for its freedom of bloom, and for its general attractiveness."

A Country Rose Garden

By Hugh Templin, Fergus

Most of us who grow roses can remember that we got rather a haphazard start. We blundered into the game with a few bushes. Had the bushes died or grown up from the wild roots, we would probably have stopped growing roses and centered our affection on glads. or something easy. Instead, we added gradually to the number and variety of our roses and placed the beds where we had room for them at the time of planting. Perhaps the location was entirely unsuitable and the result far from satisfactory.

After we have a few dozen bushes, and we think we know something about raising them, we begin to dream of an ideal rose garden that we might have some day. That day may never come unless we move to a new house, or, in a burst of enthusiasm, remodel the whole garden and plant again according to a plan.

Generally speaking, rose gardens in the country and small towns are similar to those in cities, but small town dwellers claim certain advantages. There is usually more room, for the smallest lot in a little town will be at least fifty feet wide, and the largest grounds will be several acres in extent. Roses seem to prefer fresh air, and there is usually plenty in the country. If the location is on a hill, there may be far too much. The soil is probably richer than the sand which is too common in at least one large city.

Certain traditions hedge the making of a rose garden, but these traditions are founded on utility and beauty and there is no need to rebel against them. Roses should always be planted in beds by themselves. The rose garden should be enclosed. The north or west side should have a wall, if possible. Some tender varieties seem to grow better near a wall, but not in direct contact with it on a hot summer day. Walls and fences help to retain the snow in winter and simplify the problem of protection. Trees form a beautiful background and shade is desirable for part of the day. Tree roots are supposed to be harmful, so we will keep our rose gardens a safe distance from trees with roots near the surface. Finally, the natural drainage should be good enough that water will never lie on the ground, or artificial drainage must be provided.

The location should be chosen with these things in mind. If the soil is naturally good, we need not worry over special preparation. Ground that has grown vegetables and has been kept fairly rich, is excellent. Deep preparation is not stressed so much these days. Perhaps rose growers have become lazier, but the results seem to be just about as good as ever. It is a good plan to dig the soil and make the beds the autumn before the bushes are planted. Plenty of manure and probably bone meal should be dug in then, but if the preparation is left till the spring (as it usually is) the manure can be left out for that season. Plain food for young rose bushes, as for young children, seems to be most suitable.

It is fortunate that there is great variety in the sizes and habits of roses. Some Hybrid Teas, such as "Courage," are only a few inches in height, while climbers such as American Pillar have been known to grow six inches in a day. The Dwarf Polyanthas are stubby and the bushes make low hedges. The Hybrid Perpetuals tend to be tall and often leggy. The Rugosas are taller still, and take up more room, while some of the species are handsome shrubs, Hugonis, for instance. The less vigorous climbers can be trained as Pillars and, finally, there are Standard Roses.

It is customary to use some furniture and man-made ornaments. Seats may be ornamental and useful, especially if they contain a box for records and small tools. Arches over gates and paths give support for additional climbers. There is usually some central object—a sundial, lily pool, bird bath, gazing globe—each has its uses. Don't try to use more than one of them in a small garden, though. One seat should be sufficient and the number of arches is governed by the number of gates. Trellises may be used when needed. All wooden furniture needs paint. Some paint them white; others abhor the color in the rose garden and insist on a dark green or brown stain. The reasons may be guessed in either case.

Remembering these fundamentals, I may proceed to lay out what I would consider an ideal rose garden, which I will certainly never achieve for myself because I will never happen to have exactly the number of each variety that it requires. If such a time should come, my ideal will probably have changed as greatly as that of the young lady who has graduated from reading "Little Women" and has acquired a taste for modern novels. In the meantime——

Since roses are planted in rows, the effect is necessarily formal, so the rest of the garden must be at least mildly formal. Beds are nearly always made three rows wide for ease in working and in order that all roses may be reached from the paths. As Hybrid Teas are placed about 15 inches apart, the beds will be four feet wide. Therefore, we have one dimension to begin with. If the bed is seven feet long, it will contain about 17 or 18 rose bushes.

Between the beds, we must have paths. These may be of grass, flagstones, gravel or concrete blocks or whatever individual preference dictates. The type of paths in other parts of the garden will naturally help to solve the problem. Two feet is a suitable width, but they may be wider if there is plenty of room, or narrower if the owner doesn't insist on walking beside the visitor he is showing around.

The fence may be of wood, or wire, or anything upon which a tall rose can be induced to "climb." Wood is perhaps the best, but it brings up the problem of paint again. Climbing roses should be planted near the fence, about six feet apart.

The arch will be over the gate, which should be opposite a path, and in a strictly formal garden, the gate will be at one end of the centre path, and the seat will probably be at the other end, to give balance. The sundial, or whatever else your friends gave you for Christmas, will probably be in the geometrical centre of the garden and, since it obstructs the right of way, the path will curve around it on both sides. A lily pool should be avoided if your friends like to inhale the rose perfume by walking in the garden on dark nights.

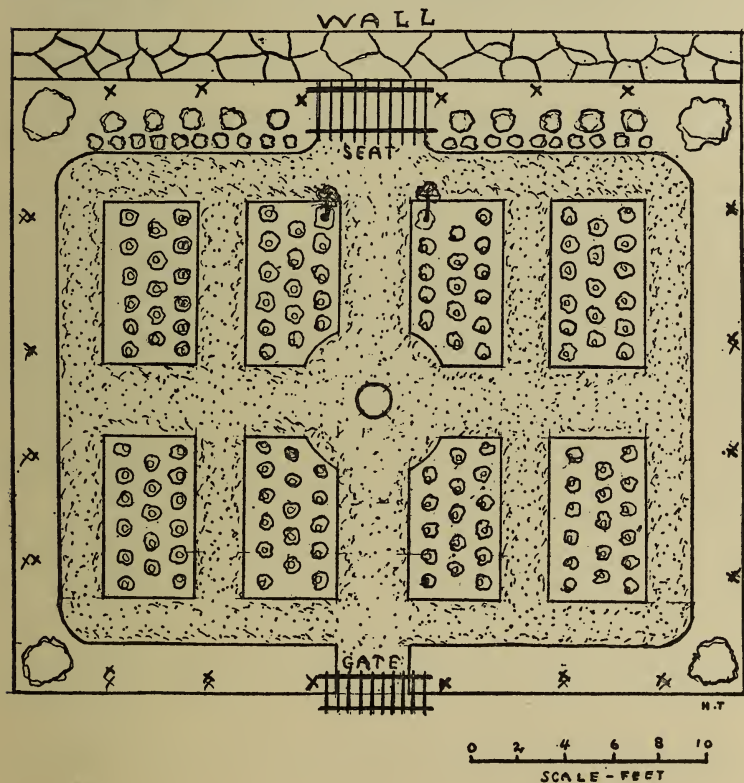
The rest is a matter of arithmetic, if we know the size of our future rose garden. If we have unlimited space, the size will still be determined by the number of rose bushes we can afford, or will cultivate and spray faithfully.

The accompanying diagram suggests one lay-out. The size is 31 feet by 26 feet, exclusive of the stone wall. The beds are four feet wide and seven feet long. All paths are two feet wide except the two central axes, which are three feet. The outer border contains Climbers only on three sides. (The owner of this garden should plan to plant dwarf bushes in front of them next year.) Along the wall are Climbers, preferably such tender varieties as Climbing Hybrid Teas. (If one insists on growing them in Ontario.) In front of them are 10 Hybrid Perpetuals, which are enough

for a garden of this size. A row of Dwarf Polyanthas edges the walk and hides the bare legs of the taller bushes.

In each corner is a species rose. F. J. Grootendorst is suggested for the corners next the wall and Hugonis in the other corners. Other large bush roses can be used instead, including the Rugosas and their hybrids. Pyramidal Arborevitae are even better. I have suggested but two Standards, at the corners of the beds nearest to the seat, giving a throne-like effect. Others might be used judiciously but, alas! they are expensive. All the other roses in the eight beds are Hybrid Teas or Pernetianas.

This plan contains 186 roses, as follows: 132 H.T.'s; 2 Standards; 20 Climbers; 4 Species; 10 H.P.'s and 20 D.P.'s. By using only four beds, the dimensions would be 19 by



26 feet and the garden would contain 100 bushes, which is probably sufficient for any but the real enthusiast. The larger plan can be cut down to fit the end of a 25 foot lot by moving the gate and seat to opposite ends of the long axis of the garden and placing the H.P.'s and D.P.'s on either side of the seat as it would then be placed.

Finally, it should be understood that this is not a description of the writer's garden. Would that it were!

Observations of some of the Newer Varieties

By Mr. Paul B. Sanders, Guelph, Ont.

Abol, H.T.—One of the most fragrant of the newer Roses; eight pale pink buds of fine form; flowers white; no disease present in first year; bushes moderately vigorous.

Adele Crofton, H.T.—Fairly weak growing plants which produced two small yellowish, salmon-pink, semi-double fragrant blooms per plant during the first season.

Anne H.T.—10% Black Spot; nine blooms; large semi-double, bright rose-pink, decorative blooms on strong plants; worth while.

Antonio Relleri de Peluffo, H.T.—Eight bright blooms which purple slightly per plant in first season; no disease.

Cecil, H.T.—Eight single deep yellow, fading to cream, blooms on plants in their first season; growth moderate.

Charles P. Kilham, H.T.—Has much to recommend it, save that it is a shy bloomer. Black Spot only 5%; no fragrance; vigorous; blooms orange-red, and our average is eleven per bush.

Cherry, H.T.—Only four blooms per plant in first season; semi-double, cerise with yellow base; 7% Black Spot.

Clovelly, H.T.—Another florist's Rose which is neither vigorous enough nor floriferous enough to recommend for garden culture. Black Spot only 5%; only four blooms; rosy-salmon in color and slightly fragrant.

EDITOR'S NOTE:—In the Editor's garden Clovelly grows to a height of over three feet and is almost constantly in bloom. Some day we shall come to blows with Mr. Sanders over this Rose!

Comtesse de Castilleja, Per.—One bloom per plant on weak-growing bushes. One season's test is probably not fair; we will try it again.

Cuba, Per.—Decorative, large single scarlet and orange blooms, borne rather ungenerously; Black Spot slight; vigor good.

Dame Edith Helen, H.T.—Not what we expected. Four out of five bushes died out; average for two season is six blooms per plant; Black Spot high, 47%; no fragrance; disappointing.

Desmond Johnston, H.T.—Looks very promising; eighteen blooms per season on very vigorous bushes; full double scarlet flushed orange flowers of good size; Black Spot 10%. None winter killed.

Diana Cant, H.T.—Four blooms in first season on bushes which were moderately vigorous.

Dorina Neave, H.T.—Eight fragrant pale pink (loose) blooms per plant in first season; no disease.

Dr. A. J. Petyt, H.T.—Four blooms per plant in first season; have not tested it sufficiently but to date it appeals; no disease.

EDITOR'S NOTE:—This variety may be criticized because of absence of fragrance, but otherwise it is good.

Dr. Edward Deacon, H.T.—Well shaped orange bud; fragrant bloom; four blooms per plant in first season; not a strong grower; no disease.

Edith Nellie Perkins, H.T.—Three out of five planted in 1929 died out, the other two producing twelve blooms on moderately vigorous plants which showed no Black Spot.

Emily Dodd, H.T.—Pure white blooms of insufficient fullness; plant fairly vigorous; Black Spot 10%; eighteen blooms per plant; some fragrance.

Everist, H.T. (?)—Very weak growth; three blooms from two plants in first season.

EDITOR'S NOTE:—This is at distinct variance with our experience as regards growth.

F. M. Vokes, H.T.—Apparently this variety is here to stay! Seventeen white blooms, minus fragrance, per plant; very vigorous; Black Spot very low, only 4%; worth trial.

Fontanelle, H.T.—Two pale yellow blooms per plant; Black Spot 87%, which means defoliation; not satisfactory here.

Fraicheur, H.W.—In bloom four weeks; good growth; attractive pale pink blooms.

Frank Reader, H.T.—Three blooms per plant in first season; fine shaped cream buds which fade white; moderate growth.

Fred J. Harrison, H.T.—Splendid bedding Rose; carmine-red blooms borne in profusion; vigorous; fragrant; slightly affected by both Black Spot and mildew.

Glenn Dale, H.W.—Tremendous growth; pale creamy-yellow bud; semi-double white bloom; in flower four weeks; Black Spot 15%.

Golden Gleam, H.T.—Six deep yellow blooms per plant on moderately strong bushes.

EDITOR'S NOTE:—We can say "Amen" to any compliment paid this variety.

Gooland Beauty, H.T.—A decorative Rose of considerable beauty, and worthy of trial if single blooms are appreciated. None winter killed; Black Spot 15%; twenty fragrant rosy-salmon to ochre-yellow blooms with prominent orange-red stamens.

H. C. Valetton, H.T.—Very fragrant yellow blooms borne too seldom—five per plant; practically no Black Spot; vigor fair.

Hilda, H.T.—Two out of three did not grow; other grew poorly and produced two deep rose-pink double blooms of good form; might be quite good when once established.

Hon. Charlotte Knollys, H.T.—Fine, large, full double rose-pink blooms with little or no fragrance; Black Spot practically nil; fourteen blooms, vigorous.

Irish Charm, H.T.—Ten blooms; slight fragrance; 18% Black Spot; not an acquisition.

- Irish Courage, H.T.**—Twelve pale salmon blooms without fragrance; not vigorous; traces of Black Spot.
- Irish Hope, H.T.**—This seems the most satisfactory of these several new "Irish" varieties. No fragrance; eleven scarlet blooms; very vigorous; Black Spot 17%.
- Irish Morn, H.T.**—Completely defoliated by Black Spot; three blooms.
- Irish Sweetness, H.T.**—Seems strong; blooms not good enough for exhibition purposes but may make a "bedder"; thirteen rose-carmine, fragrant blooms; 27% Black Spot.
- James Walley, H.T.**—Seven white, well-shaped double blooms on vigorous bushes in first season; bud salmon-pink; decidedly promising.
- J. C. Thornton, H.T.**—Twelve crimson blooms on moderately strong plants in first season.
- Johannezauber, H.T.**—We like it. Rosy-red blooms of medium size; color does not fade; fifteen blooms with no fragrance; vigorous; little Black Spot.
- Julia, Countess of Dartrey, H.T.**—Insignificant blooms, fifteen in number; rosy-pink with slight fragrance; very strong; slight Black Spot.
- Kardinal Schulte, H.T.**—Fourteen well-formed fragrant scarlet blooms on strong plants, showing very little Black Spot. We like it.
- Kirsten Poulsen, D. Poly.**—Black Spot 16%; fine fragrant light red blooms borne over an eleven week period.
- Lady Helen Maglona, H.T.**—Even though it lacks its supposedly characteristic fragrance this variety is worth trial; very little Black Spot; twenty-two double crimson blooms, which do not blue, on strong plants.
- Ladylove, H.T.**—Six creamy-pink blooms with orange centre in first season; no disease; moderate growth.
- Lady Margaret Stewart, H.T.**—Good rosy-apricot bud, though a little short; full bloom apricot; Black Spot 5%; no fragrance; ten blooms; worth trial.
- Lady Martha Bruce, H.T.**—Not recommended for the average garden; satisfactory to the specialist who appreciates quality rather than quantity; eight decorative rosy-pink blooms; 27% Black Spot; some fragrance.
- Lady Worthington Evans, H.T.**—Will probably make a good bedding Rose; seventeen crimson blooms on plants showing a little Black Spot; none winter killed.
- Leslie Evans, H.T.**—More floriferous (twenty-two blooms); better color (scarlet), and less Black Spot than Lady Worthington Evans, and just as vigorous.
- Lilly Jung, Per.**—Very little Black Spot; nine double fragrant yellow blooms on sturdy plants. Try it!
- Lord Castlereagh, H.T.**—Another bedding Rose; eleven semi-double fragrant, darkest crimson blooms, borne on bushes lacking in vigor; Black Spot 13%.
- Margaret McGredy, H.T.**—Vigorous; thirty blooms. Appears to be an acquisition as a bedder, but it is much lighter in color with us than the "unfading orange-scarlet" attributed to it by its originator. Our description is a "bright rosy-pink." Except for ordinary color effect the variety is good.

- Marion Cran, H.T.**—Black Spot very slight; twenty blooms per plant; vigorous; medium sized double vivid scarlet and cerise flowers with orange veining. Striking and worth trying.
- May Wetttern, H.T.**—Very fragrant, deep salmon-pink blooms; fine pointed bud; growth moderate; five blooms.
- Miss Anne Marie Bally, H.T.**—Seven Ophelia-like blooms, with deeper color than that of the old favorite, borne on moderately vigorous bushes; deep salmon bud.
- Mlle. Bep Van Rossem, H.T.**—Three fragrant deep lemon-yellow blooms which fade; semi-double.
- Mme. Albert Barbier, H.P.**—Six creamy-white, small, double blooms borne on strong bushes; 8% Black Spot.
- Mev. G. A. Van Rossem, H.T.**—Twelve fragrant and decorative apricot and cream blooms on moderately vigorous plants. Black Spot 20%; interesting.
- M. Julien Potin, Per.**—Black Spot 36%; four blooms; fragrant, and a good yellow double Rose; not so good in our garden as Souvenir de Claudius Pernet.
- Mrs. A. R. Barracrough, H.T.**—Nine well-shaped deep rose-pink blooms which are double; the outer petals open too quickly; 27% Black Spot. Looks good but seems lacking in vigor.
- Mrs. C. W. Edwards, H.T.**—Two fragrant deep rose, double blooms; 20% Black Spot; no vigor.
EDITOR'S NOTE:—We quarrel with Mr. Sanders here; both vigorous and free-blooming in the Editor's garden; particularly attractive in the cool weather of autumn.
- Mrs. F. R. Pierson, H.T.**—Six very fragrant red blooms; 22% Black Spot; moderate growth.
- Mrs. James Shearer, H.T.**—Beautiful cream, shaded apricot, blooms; a specialist's Rose; only three blooms and the plants lack vigor; 10% Black Spot.
- Mrs. R. B. MacLennan, H.T.**—We like the full, fat, double creamy-pink blooms, though we may be old fashioned; twenty-three blooms; 18% Black Spot.
- Mrs. Talbot O'Farrell, H.T.**—Quite prolific; twenty-nine fragrant crimson and yellow blooms; Black Spot high, 45%; vigorous.
- Mrs. Tom Smith, H.T.**—Practically no Black Spot; vigorous; thirty bright pink fragrant blooms per plant. We like it.
- Mrs. W. E. Nickerson, H.T.**—Eighteen salmon-orange blooms; 23% Black Spot.
- Norman Lambert, H.T.**—Very fragrant salmon-yellow or salmon-orange blooms which are very attractive; 12% Black Spot; sixteen blooms. Try it!
EDITOR'S NOTE:—With us the growth is poor, the blooms thin and the color fleeting. We have discarded it.
- Patience, H.T.**—Planted three; none grew.
EDITOR'S NOTE:—Hence the name!
- Pink Pearl, H.T.**—Only 8% Black Spot; fourteen deep rose-pink double fragrant blooms; moderately vigorous. Worth trial.

Pius XI., H.T.—Ten blooms per plant in first season; fine, full, well-shaped cream blooms with a deep yellow base; no disease; looks good.

Polly, H.T.—Five blooms on weak bushes; an Ophelia with more yellow; fades white.

Portadown, H.T.—Cerise, semi-double; purples; six blooms.

EDITOR'S NOTE:—With us a distinct crimson which soon becomes purple; moderate growth; more than semi-double. If one wants a blue Rose why not grow Hadley which has a better scent?

Princess Elizabeth of Greece, H.T.—Very little bloom, and also very little Black Spot; vigorous; salmon-orange, fragrant blooms.

Shot Silk, H.T.—Salmon-pink to orange-chrome with yellow base and golden centre; not full enough; Black Spot 10%; plenty of fragrance; twenty blooms; different.

Sir David Davis, H.T.—One of the newer varieties about which one might enthuse. Vigorous, shapely bushes; very little Black Spot; fifteen medium sized brilliant crimson blooms per plant, and they do not blue. Try it!

Souvenir de Clermonde, H.T.—Nine fragrant well-formed salmon-pink blooms borne on strong bushes; only the slightest trace of Black Spot and Mildew.

Superb, H.T.—Very vigorous; fine, well-formed double fragrant shell-pink blooms, twenty-five per plant; 15% Black Spot; 3% Mildew.

The International Peace Garden

An address delivered by Henry J. Moore on the occasion of the Annual Meeting of the Rose Society of Ontario, December 10th, 1929.

Mr. President, Ladies and Gentlemen:—

It gives me great pleasure to tell you of the developments which have taken place since the project of the International Peace Garden was introduced at the Convention of the National Association of Gardeners (the sponsoring organization) at Toronto on August 7th.

At the Convention a tentative committee was organized to consider the feasibility of the project which committee having sent out questionnaires to the leading service clubs and other organizations decided that the project was quite feasible and worthy of the support of every citizen of Canada and the United States.

An endowment of at least \$5,000,000 is to be raised by popular subscription, adults will be asked to give a minimum of 25 cents and children attending the schools 5 cents each. Thus each person will have a real interest in the Garden. The interest from the endowment fund properly invested

will, it is hoped, be large enough to lay out and maintain the Garden.

The Garden will be located at a favourable point on the International line, one-half in each country, and will be at least 400 acres in extent. If the need arises it will be considerably larger. It may thus be park-like in appearance, but the name International Peace Garden will be retained for if anything on earth is the "epitome of peace" it is a garden.

Of the educational features something should be said. There will be a vast arboretum for trees and shrubs, rock gardens for Alpine plants, aquatic gardens for the hardy lilies and other aquatics, bulb glens and rose gardens, borders for herbaceous perennials. Greenhouses will be erected to contain the tender exotic plants from all lands. A large herbarium and museum will contain the pressed specimens of the world's flora and samples of the wood of all trees used in commerce, the uses of which will be described. All subjects in the garden will be labelled and it will become a great botanical centre. Of not minor importance will be a wild flower sanctuary wherein all the hardy flowers of both countries will be planted.

The International Peace Garden will be the greatest memorial in the world. It is to be established to commemorate the period of more than one hundred years of peace which has existed between Canada and the United States and in the hope that it will perpetually be a symbol of the goodwill of each nation toward the other, and also be an example to all nations of the world. It is proposed that there be a Christmas tree every year for the children of both or of all countries and an International Children's Festival during June of every year. The Garden will become the world's greatest shrine. I can imagine I hear the gladsome song of these children as they take each other's hands on these occasions, Canadians and Americans. It will be heard by heaven's white-robed choir, who will join it, and it will resound to the borders of infinity, and the finite will become the Infinite, a song of gladness in the heart of God.

Recently a German, to whom was mentioned the project, exclaimed "That is a great Idea, the thought will go to the four corners of the earth. You sowed a seed in my heart, I will tell my compatriots. I will tell a Frenchman, he will sow the seed in the hearts of his people; perhaps some day on

the frontiers in Europe, soaked with the blood of men, we shall establish another peace garden. What an example you North Americans are setting! If France and Germany do this thing there will be no more war." "Why did you go to war?" he was asked. "We are patriotic, same as you; we loved the Fatherland as you loved Canada. We thought we fought for this reason but found we fought for the war lords. We do not want any more war."

Ah! my German friend, like us, you learned that "war is hell." Nay, even Sherman was wrong, war is not hell, it is worse, it is Hell's underworld, and the men who foment it are loathsome, slimy reptiles; they would trample over the dead bodies of men and the sorrows of women and children to attain their ends, and amid the ruins of the most beautiful things the ages have reared would chuckle at the monstrous thing they have wrought.

Americans, Canadians, English, Scotch, Germans, Dutchmen, Frenchmen and people of other nationalities are subscribing to the fund. Nurserymen of the United States, Canada and Great Britain have offered to donate some of their choicest stock. Perhaps in the world's first Peace Garden there will be a place for a display from all countries horticulturally inclined and the Garden will become to the world the beautiful parallel of the Palace of Peace at the Hague.

The International Peace Garden Committee is now being organized, and we desire the help of the Rose Society of Ontario. Would you organize a working Committee? Also appoint a member to the International Committee, one who could keep you in touch with developments? Let us, Canadians and Americans, pour our goodwill into a common vessel and perhaps the sweet aroma will rise to reach the nostrils of the people of the nations who are sick of the stench of war, and who in the darkness of the ages have groped about trying to find that which to them has been denied, and which is the world's greatest thing, goodwill between nations and peace on this earth. May they learn this great truth through the medium of the Peace Garden, such is the vision.

Loveliest of lovely things are they
On earth that soonest pass away.
The Rose that lives its little hour
Is prized beyond the sculptured flower.—Hudson

The Rose Highway Association

On June 29th, 1929, the Rose Highway Association was formed at Welland. Delegates were present from all the Horticultural Societies in Welland County, namely, Niagara Falls, Thorold, Pelham, Bridgeburg, Fort Erie, Port Colborne, Stevensville and Welland.

The meeting was a most enthusiastic one and it was decided to commence operations in the spring of 1930.

The object of the Association is to arrange for planting that most beautiful climbing rose Paul's Scarlet Climber along the Highways in the Province of Ontario. Work will be commenced in Welland County this year as follows:

(a) From the Peace Bridge at Fort Erie westward along Provincial Highway Number 3A through Port Colborne to the western boundary of the County.

(b) From Niagara Falls westward along Provincial Highway Number 3, through Welland and joining with (a) at Chambers Corners.

(c) From Fort Erie and Bridgeburg northward along the Niagara Boulevard to Niagara Falls.

(d) From Niagara Falls to Thorold and from Thorold to Provincial Highway Number 3, near Allanburg.

The work is apportioned amongst the various societies so that each has its particular section in which to make the necessary arrangements and thus the members of the local committees will call on men they know. These climbing roses are to be planted in front of the houses on both sides of the Highways.

Large stocks of this variety have been secured by the Association and work in the placing and planting will be undertaken this spring. Three thousand bushes will be delivered in the first year and more in the following years.

It is expected that adjoining Counties will take up the work in the succeeding year so that there may be a continuous Rose Highway from the Peace Bridge at Fort Erie to the Ambassador Bridge at Windsor. Steps to this end are to be taken.

One does not need much imagination to picture the beauty of the Rose Highway when thousands of Paul's Scarlet are in bloom. It will encourage the further planting of roses both climbers and bush forms not only in the country but in the Villages, Towns and Cities.

Paul's Scarlet Climber was chosen because of its beautiful scarlet colour and dazzling showiness. It is the most brilliant and most vivid scarlet rose yet produced. The flowers are borne in the greatest profusion in large clusters of semi-double blossoms. The colour is well retained without burning or fading until the petals fall and the flowers remain on the plants for an unusual length of time furnishing a magnificent display. The plant is hardy and is of a strong climbing habit.

The history of Rose Highways shows that the planting by the residents of these beautiful climbers creates a desire on their part to tidy up their places, plant shrubs, trees, flowers, and generally make the surroundings of their homes more beautiful. People will come for miles to see this gorgeous sight during the blooming period.

What this will mean in the improved appearance of the homes along our Highways, in individual and community self-respect, can easily be inferred.

Rose Experiences in Ontario

The following letters, in answer to requests from the Editor, are in the nature of a general thanksgiving. It was indeed a wonderful Rose year. But those of us who have visited the Ontario gardens, attended the beautiful Rose Show, and talked to Rosarians in the Province must realize that last season showed the results of years of careful study and experiment on their part. Through adverse seasons they have nursed their Roses; trying out various varieties, experimenting with fertilizers and winter protection and blight destroyers, and last summer they were rewarded. Have they overcome the difficulties of climate in Ontario or was it just an unusually favourable year? That is the interesting question which the coming years will answer. In the meantime let us hear what some of our members have to tell about their banner Rose year.

Mr. Aubrey Heward, of Wilton Farm, Oakville, Gives Some Valuable Information:

"The most beautiful rose I had in the garden last year was 'Innocence,' a large, pure white single rose. I am planting many more the coming spring. The garden was absolutely free from Mildew and Black Spot. The season was no doubt a great help and also the fact that Massey Dust was used every week instead of every two weeks as formerly.

Aphides were practically nil and not a Rose Bug.

For winter protection I have been using Tobacco Straw and this, when wet, leaves a deposit of nicotine to sink into the ground, which, I think, is unhealthy for all grubs there. When removing this straw in the Spring, it is put in a pile and, with the addition of Adco makes the most perfect manure for the garden, and this is dug in at the proper time. I think the use of tobacco in this way is getting results here. Adco is being used a great deal in England at the present time and Mr. W. Beach Thomas, who writes for the Spectator on Country Life, is very high in his praise of it."

Mr. P. B. Sanders, of The Ontario Agricultural College, Tells of a Splendid Rose Season:

"In response to your kind query regarding the rose season of 1929, I may say it was one of the most enjoyable I have had.

In the first place, rose bushes generally, throughout the Province, came through the winter of 1928-29 in wonderful condition. Personally, I lost none; and the same is true of many of our members. Then we had a fine warm spring with plenty of moisture, and resultant growth was strong and indicative of the fine season to come.

Rose bushes here (in Guelph) bloomed one week to ten days earlier than usual, and the bloom at the College was never better. All types, Hybrid Perpetuals, Climbers, Hybrid Teas, Pernetianas, Hybrid rugosas, Dwarf Polyanthas, each seemed to try to make the bravest show with a delightfully pleasing result.

I was particularly pleased to have wintered such tender varieties as the exquisite Melody and well formed Golden Emblem; and was equally satisfied with their performance during the summer.

Once again I was privileged to visit some of the larger rose gardens and will never forget the happy hours spent with Mr. Bertram at Dundas and Dr. Rolph at Weston. The excellent specimen of Paul's Lemon Pillar seen in full bloom in the latter garden will live long in my memory.

Then there was the Rose Show; and what a show it was, to be sure! It was pure joy to see so many enthusiasts exhibiting and admiring the Queen of Flowers in all her glory.

A word about the exhibitors themselves: I believe I met most of them, and that in itself was a pleasure to be

treasured; for, without doubt, those who show roses are a rarely fine type of citizenry. True, they were busy, but never too busy for a happy smile and a bright word, never too busy to help the fellow-competitor who either arrived late or was short of assistance; and never, never too busy to forget that they were human and were having the time of their lives!

Even though I am warned to avoid the "distressing" subject of rose diseases, I must say that we saw less Black Spot this summer than ever before. This was due, largely, to the very dry season—which so many abused, but which was in some measure, beneficial.

All rose varieties did well—Paul's Scarlet Climber, Dorothy Perkins, Tausendschon, Crimson Rambler (minus mildew for the first time!), American Pillar, Goldfinch, Hiawatha—all were glorious in their season. Old time Hybrid Perpetuals such as General Jacqueminot, Mrs. John Laing and Frau Karl Druschki were outstanding; and Ulrich Brunner and Mme. Gabriel Luizet, comparatively newer, were laden with bloom. Hybrid Teas and Pernetianas—where to start! Dainty Bess and Betty Uprichard; Feu Joseph Looymans, Claudius Pernet and Mrs. Beatty; Mrs. Henry Morse, Lady Ashtown, Mme. Abel Chatenay and Lady Alice Stanley; Lady Pirrie and Mrs. Wemyss Quin; Miss C. E. van Rossem, Leslie Evans, Lord Castlereagh and Lady Worthington Evans; Etoile de Hollande and General MacArthur; Ville de Paris and Billy Boy; Hon. Charlotte Knollys, Dame Edith Helen and Superb; and Isobel, Mrs. Oakley Fisher, Irish Fireflame and Independence Day; and so on, and on, and on! What a wonderful season!

The bushes, thanks again to continued dry weather, matured well and entered the winter in high class condition. The early winter, which we trust will continue kindly, is a boon and once more our bushes should weather well.

It is possible, however, that the present (early December) unusually heavy snow may presage a comparatively dry spring—but that is in the future, isn't it?

Let me conclude then, by saying that the rose year of 1929 will long remain as the peerless season of complete rose satisfaction."

Mr. Chester D. Wedrick, of Nanticoke, Ontario, Reports:

"Another Rose season gone, and a good one in spite of all! I discovered few real 'finds' among the newer varieties,

although the new climber, Primrose, was good. The Hybrid Briar, Buisson d'Or, is a golden treasure, absolutely hardy here unprotected, and so far, immune to disease. I do not think Julien Potin will supersede Souvenir de Claudius Pernet. Dame Edith Helen and Lady Helen Maglona are splendid but Lady Craig, belonging to the lemon-white shades, is in a class by itself. Among the Polyanthas, Kersbergen, currant red in color, is a free bloomer and wonderfully attractive."

Mr. C. W. Perry, of Toronto, Tells of Results, Good and Otherwise:

"I do not remember a summer worse than that of 1929, not only for Roses, but for all kinds of flowers. Roses suffered in particular. A beautiful bud in the morning, that would ordinarily last two days, was just burnt up by evening, or before even the last petal had unfolded itself. Yet, perhaps it was the best year for the Rose, for I firmly believe that if 1930 has an average season we shall have not only more and better blooms, but stronger bushes and stems, the wood having been hardened throughout the summer and late into the fall. Again, the snow this winter has been plentiful, covering the bushes.

Black Spot and Mildew during 1929 were with me practically nil, only six of my two hundred bushes being infected and these only slightly. Whether this condition was due to the season or to the methods used I can only surmise, as in quite a number of Rose gardens visited by me I noticed that some plants were badly diseased whilst others were entirely free from it. The only treatment I gave my bushes besides nicotine for the aphides was Massey dust, and of this I used plenty. During the whole season on my two hundred plants I used twenty pounds of sulphur, four pounds of lead arsenate and four pounds of tobacco dust thoroughly mixed together, and shaken on the bushes with a large salt shaker. The garden was unsightly at times because of the powder, but what of that if it saved my pets from the ravages of Black Spot and Mildew? The new kinds were listed in the catalogues aplenty, and some day I'm having my head read for paying high prices for poor results! Gold Medal ones at that! Even a bronze medal would have been ample recognition for some of them. But even at that one gets a thrill in the anticipation of having sometime one that really lives up to its catalogue reputation.

To my mind the outstanding new variety was Dame Edith Helen, producing full, wonderfully shaped pink blooms, one bud on an upright stem, and this Rose withstood the adverse conditions of the season. Everest, a large creamy-white, is a real beauty but I received only two blooms in the whole season for my care and trouble. Nature disbuds this one! The other new ones it would be unfair to criticise until I have tried them at least one more season.

Too much has already been written on fall planting, both for and against, but I myself am a firm believer in it, not only for the reason that one gets the pick of the bushes but also because they become established in their new homes and go right ahead growing when the spring comes whilst their late sisters of spring planting are struggling to get the blood circulating through their veins, sometimes under adverse conditions.

After visiting some of my friends' gardens last season I have come to the conclusion that we should have a humane society for Roses. I am sure if some of our Rose-growing friends really knew that Roses breathe, eat, drink and sleep, and that they are living things, they would treat them better.

In spite of the season the Rose Show was bigger and better than ever, far exceeding any previous shows in every respect, and the larger attendance should have the effect of substantially increasing our membership. For these gratifying results a great deal of credit should be given the genial chairman of the Exhibition Committee, Mr. Matthews.

Dr. A. H. Rolph, of Weston, Ontario, Records His Impressions of the 1929 Season:

It seems to have been the general experience of rose growers in the Toronto district that the season of 1929 was an unusually good one for roses, although the reasons for it are not altogether clear. The best explanation would appear to be found in the weather conditions of the preceding winter which left the roses in unusually good condition. In my own rose garden at Weston the winter-killing was almost negligible, with the result that established roses got away to a fine start and gave an unusually good account of themselves all season. On the other hand, newly planted roses did poorly, owing to comparatively little rain in late Spring and a period of intense heat at the end of May. Even by September they had made poor growth and the long drought at

that season did not mend matters although it brought a wonderful crop of Autumn bloom on the plants of former years.

My climbing roses, having lost very little of their wood over winter, made a beautiful showing, Paul's Lemon Pillar being particularly fine. This is a rose which refuses to bloom unless it comes through the winter with nearly all of its old wood intact,—or at least all of the growth of the previous year. This, fortunately, was particularly strong on my plant and in consequence the large, beautifully formed blossoms were scattered over a space of several square yards to a height of more than six feet and were the sensation of the garden for a period of about two weeks. Cupid, a large single rose of delicate, peach-like colouring, gave an even larger display, for, although classed as a Climbing Hybrid Tea, it is a prodigious grower. Its blossoms are so artistic that it would be worth growing if it were only half so vigorous: moreover it is very hardy and its blooming season is exceptionally long. Miss Marion Manifold and Bonnie Prince were two of the earliest climbers to bloom for me and they have both proved excellent roses. The former has large blooms of a peculiarly vivid red which fades very little but the growth of the plant is not as vigorous as it should be. Alida Lovett showed for the first time what very fine blooms she can bear if conditions are suitable. Silver Moon gave a long succession of dainty buds and blossoms although the crop was hardly proportionate to the tremendous growth of the vine which needs careful winter protection. Christine Wright gave abundant summer bloom and a fair autumn crop as well. One plant of Paul's Scarlet Climber, although only in its fourth season, gave such a display of bloom that it seemed to set the whole garden on fire. Ile de France, with a corner to itself, made a most brilliant display and so far has proved itself a better rose for my garden than either of its parents, American Pillar and Hiawatha.

The Editor Takes a Hand in the Discussion:

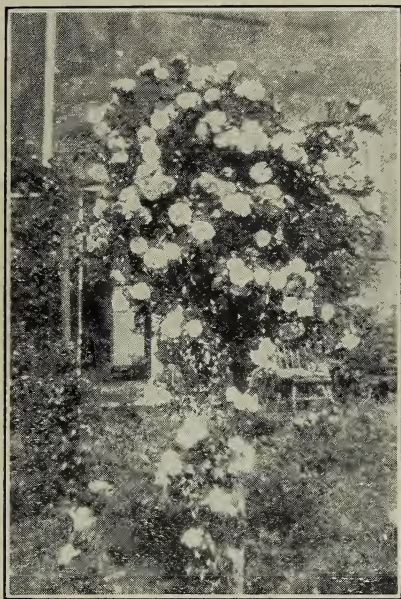
While the 1929 season on the whole was satisfactory the Editor does not agree with some of his correspondents that it was of such a character as to efface the memory of all previous years. The early season bloom in his garden was abundant and of excellent quality but that of the autumn was below the average in both respects. There was no mildew but one section of the garden became badly affected

with Black Spot in late August. From the beds in this section we have removed the topsoil to a depth of two inches and have replaced it with soil in which Roses have never been grown. We were much impressed with the performance of several of the Climbers, particularly the Australian Hybrid Tea, Black Boy, Climbing Madame Edouard Herriot, The Beacon, Emily Gray, and, of course, Paul's Scarlet Climber. Probably the most sensational display of the year was that of Sander's White grown as a weeping standard, planted in the spring of 1928, and budded on Rugosa. Among the Hybrid Perpetuals Henry Nevard and Gloire de Chedane Guinoisseau were both very satisfying, although the best individual bloom of the year in this group was produced by Candeur Lyonnaise. Lack of space prevents a reference to all the Hybrid Teas and Pernetianas which yielded gratifying results but a few outstanding varieties were:

Admiration, Betty Uprichard, Charles K. Douglas, Capt. F. S. Harvey Cant, Etoile de Hollande, Feu Joseph Looymans, Golden Gleam, Hortulanus Budde, Isobel, Lady Margaret Stewart, Mabel Turner, Mrs. A. R. Barraclough, Mrs. Beckwith, Mrs. E. J. Hudson, Mrs. Franklin Dennison, Julien Potin, Superb, Una Wallace and Lamia, the last-mentioned grown as a half-standard. Among the failures may be noted Talisman, Templar, Eva Eakins, Bedford Crimson and Norman Lambert.

A Rose Test Garden for Ontario

For some time there has been felt the need in Eastern Canada for a test garden wherein the newer varieties of Roses might be tested fairly but thoroughly, and the results of these tests recorded and published periodically with a view to saving the amateur growers many of the disappointments which have been their lot hitherto. As most of us are aware, a hundred or more Rose novelties are introduced into commerce annually, many of which are either useless or no improvement on existing and well-tried sorts. The majority of Rose growers, in common with other humans, have a gambling instinct and find adventuring with novelties a fascinating pastime. It is expensive, however, both in time and money, and is accompanied by the risk of loss of interest and confidence which might result from a series of disappointments with purchases based upon catalogue descriptions



The Hybrid Wichuraiana, Sander's White, planted in April, 1928, as it appeared in the Editor's garden in July, 1929.



Frau Karl Druschki, H.P., as grown in the garden of Mr. Robert Foxton, 75 Hiawatha Road, Toronto. Photograph taken in July, 1929.

alone. We do not mean necessarily to impugn the honesty of the hybridizers, because their descriptions are probably based upon the performance of the Roses under climatic, moisture and soil conditions which vary widely from those with which we have to deal. It seems very desirable, therefore, that some means be found for determining the garden value of new varieties, and, so far as possible, of having this information available by the date of introduction into commerce. Such an arrangement would work to the advantage of the hybridizers and nurserymen as well as to the amateur growers, because the latter would thus be enabled to purchase with increased confidence of ultimate success, and in larger numbers and with less consideration for expense because of the partial removal of doubt and uncertainty regarding the merits of the new Roses.

While it seemed appropriate that The Rose Society of Ontario should participate in any movement toward the establishment of such a test garden as we had in mind, yet the problems surrounding the realization of our dream were stupendous in relation to our slender resources, and the solution which finally suggested itself was to enlist the assistance and co-operation of an institution which has invariably lent a sympathetic ear to any proposals emanating from responsible sources, and aiming toward the betterment of agricultural and horticultural conditions in this Province. We refer, of course, to the Ontario Agricultural College at Guelph. It seems that plans are already under way for the remodeling of the Rose garden at the College, and Professor MacLennan, with the approval of Dr. Christie, the President of the College, entered with enthusiasm into the discussion of our plans. As a result of the negotiations it has been decided:

- (1) To establish at Guelph, Ont., a trial garden for the purpose of testing thoroughly for three years as many as possible of the new varieties of Roses.
- (2) To place the garden under the joint supervision of the Ontario Agricultural College and The Rose Society of Ontario.
- (3) To obtain the plants in lots of six of each variety, and, if possible, one year before their introduction into commerce.
- (4) To maintain records of performance and issue reports periodically.

- (5) To award the Gold Medal of The Rose Society of Ontario to the originators of varieties which, in the judgment of the Joint Committee, are deserving of such an honor, it being understood that the Committee's decision will be based not only upon color, form, fragrance and substance of blooms and of floriferousness, but also upon hardiness, disease resistance, and vigor and symmetry of growth.
- (6) To exercise the utmost care to prevent propagation of the varieties in our custody for testing purposes, by budding or otherwise.

Many of the details, of course, remain to be worked out, and we hope to present a full report of our activities in connection with the proposed test garden in the 1931 Edition of the Year Book. However, we may state that it is planned to make the initial planting in the spring of 1931.

CONTRIBUTIONS TO THE PRIZE LIST, 1929

Dr. A. H. Rolph.....	\$50.00
Mr. Henry Bertram.....	25.00
Lady Eaton.....	25.00
Mr. Aubrey D. Heward.....	25.00
Messrs. Miller & Sons.....	25.00
Col. Hugh A. Rose.....	25.00
Mr. E. R. Wood.....	25.00
The Dale Estate.....	10.00
Sir Joseph Flavelle.....	10.00
Mr. F. Barry Hayes.....	10.00
Sir Edward Kemp.....	10.00
Sheridan Nurseries Ltd.....	10.00
Mr. G. G. Adam.....	5.00
Miss H. L. Beardmore.....	5.00
Mr. John B. Holden.....	5.00
Mr. S. B. McMichael.....	5.00
Major A. C. Sniveley.....	5.00
Mr. A. J. Webster.....	5.00
Messrs. Wellington & Davidson.....	5.00
	<hr/> \$285.00

The Constitution

I. The members of the Society hereby constitute themselves The Rose Society of Ontario, the seat of which shall be at Toronto, where the Records and Library shall be kept.

II. The purposes of the Society are to study, cultivate and exhibit Roses, award prizes for cultivation, exhibition of and essays upon Roses and Rose Culture; to acquire a Library on Rose Culture and generally to further and encourage the cultivation and study of Roses.

III. The Society shall consist of its Members and such additional persons as shall from time to time be admitted to membership by the Board of Directors, on payment of the fees prescribed by the rules.

IV. The members of the Society shall elect by ballot from amongst themselves a Board of Directors, to consist of twenty members, of whom six shall form an Advisory Board, and such Board of Directors shall make rules, and perform all executive and administrative duties; and six shall form a quorum. The Board of Directors shall elect a President and four Vice-Presidents, who shall hold office for one year, and who shall be eligible for re-election.

V. The Board of Directors shall hold office for one year from the date of their election, and until their successors shall be elected, and all members thereof shall be eligible for re-election.

VI. The Board of Directors shall appoint a Secretary and a Treasurer, both of which offices may be held by one person, who shall hold office during the pleasure of the Board, and shall perform such duties as the Board may direct.

VII. Any member of the Board of Directors who shall be successively absent from three duly called meetings thereof, without the consent of the Board, shall thereupon cease to be a member of the Board, who may then proceed to fill the vacancy as hereinafter provided.

VIII. If any vacancy occurs in the Board of Directors, by the death, resignation or inability to act, of any of the members thereof, the other members of the Board may appoint another to fill his or her place, to hold office on the same terms as the other members of the Board.

IX. The members of the Society in any city or town or other district of Ontario to be defined by the Board of Directors, may, with the approval of the Board, appoint a committee for such city or town or other district, and may elect a presiding officer thereof, to be called the (name of the city, town or district) Vice-President, for the management of such local affairs of the Society not inconsistent with the Constitution and Rules, as may be necessary, and members so acting may adopt the name of The Rose Society of Ontario (name of city, town or district) Branch.

X. Exhibitions shall be held in Toronto, and may be held at other points in Ontario, at times to be decided upon by the Board of Directors, and prizes may be given at such Exhibitions.

XI. All competitions for prizes shall be divided into the following classes:—

Class 1.—Professional.—Comprising all such persons or corporations as carry on the trade of growing and selling flowers.

Class 2.—Semi-Professional.—Comprising all persons who do not grow flowers for profit, but who keep gardeners, not otherwise employed.

Class 3.—Semi-Amateur.—Comprising all persons who do not grow flowers for profit, but who have the occasional assistance of gardeners in the cultivation of Roses, not solely employed by themselves.

Class 4.—Amateur.—Comprising all those persons who do not grow flowers for profit, and who cultivate Roses without the assistance of skilled gardeners, but who may employ a labourer.

Class 5.—Novice.—Comprising amateurs who have never exhibited before.

NOTE:—Amateurs and Semi-Amateurs may compete in the Professional and Semi-Professional classes, but the Professionals and Semi-Professionals may not compete in the Amateur and Semi-Amateur classes. XII. The Constitution may be changed in any respect by a two-thirds vote of the members present at any annual meeting of the Society.

XIII. A general meeting of the members of the Society shall be held at such place in the City of Toronto as the Board of Directors may appoint, in the month of December each year, on such day as the Board shall appoint for the purpose of receiving a report from the Board of all matters of interest and business during the preceding year, and for all other general purposes relating to the management of the Society, and at such meeting, a full statement of the finances of the Society for the year shall be submitted by the Board. Notice of such annual meeting shall be mailed to each member of the Society not later than ten days before such a meeting shall be held.

XIV. A special meeting of the members of the Society may be called by the President at any time, or such a special meeting shall be held upon the written application to the President of not less than twenty members of the Society, to consider any specified business. The President shall at the first ensuing meeting of the Board of Directors lay such application before the meeting and the Board shall appoint a date for such special meeting to be held within the succeeding two weeks at some place in the City of Toronto, and the members shall be notified by mail not later than ten days before such a meeting shall be held.

Rules of The Rose Society of Ontario

1. The subscription to The Rose Society of Ontario shall be one dollar per annum for ordinary members, and five dollars for sustaining members, payable in advance on the date of the annual meeting, and not later than the first day of January of each year.

2. If a member is elected after 1st December in any year and before the following January, his or her subscription shall be taken as for the following year, and the Rose Society's year shall end with the calendar year.

3. Any member may, upon payment of twenty-five dollars (\$25.00) be declared a Life Member.

4. The Board of Directors may form such committees as may be necessary for the transaction of business.

5. Lectures and instructions upon Roses and their culture shall be given under the auspices of the Society, at such times and places as the Board of Directors may determine.

6. The Board of Directors shall have power to appoint such persons, not necessarily members of the Society, as may be necessary for arranging for the Exhibition.

7. Affiliation by Horticultural or other Rose societies may be granted upon payment of a fee of five dollars (\$5.00), or through membership. In the latter event to qualify at least ten members of the society applying for affiliation must be members of The Rose Society of Ontario. Affiliated societies are entitled to a silver medal from The Rose Society of Ontario for competition in the Rose sections of their local shows, provided, however, that there are at least three exhibitors in the competition for this medal.

8. The President may appoint a Nominating Committee whose duty it will be to prepare a list of twenty members who, from their interest in the Society, will undertake to act on the Board of Directors, and shall nominate the same at the General Meeting. These names shall be printed on a ballot slip, but such action of a Nominating Committee shall not prevent further alternative names being added by members by nomination at the General Meeting.

By-Laws

(Defining the duties of the officers and Board of Directors.)

1. Special meetings may be called at any time by order of the President, and may be called at the written request of five members, notice of which shall be sent to each member by mail, such notice to specify the business which is the occasion of the call. No business other than that mentioned shall be transacted at such meeting.

2. The hour of meeting shall be eight o'clock p.m., unless otherwise ordered by the President or Chairman.

3. It shall be the duty of the President to preside at all meetings of the Society, to enforce strict observance of the Constitution, Rules and By-Laws of the Society, to appoint all committees not otherwise provided for, to approve all orders drawn on the Treasurer for appropriations of money made and passed at a meeting of the Board of Directors, and to perform such other duties as his official charge may require of him.

4. It shall be the duty of one of the Vice-Presidents in the order of his seniority, to preside at all meetings of the Society in the absence of the President. If none are present the Society shall elect a president pro tempore.

5. It shall be the duty of the Honorary Secretary to keep correct minutes of the proceedings of the Society, to keep a list of all members, of the time and place of all meetings in such manner as may be directed, and advise them of all notices of motion in accordance with the Constitution. He shall receive and pay over to the Treasurer all moneys due and belonging to the Society, receiving receipt therefor, and shall draw and countersign all orders on the Treasurer, approved by the President. It shall be his duty to keep record of all meetings of the Board of Directors and each member's attendance at such meetings, and in his annual report state the number of meetings held and how many each member attended. He shall also preserve all books, papers and other documents belonging to the Society, and upon retiring from office deliver

all such to his successor. He shall perform all other duties usually pertaining to that office, and at the annual meeting render a complete report of the membership and condition of the Society.

6. The Treasurer shall receive from the Honorary Secretary all moneys, giving a receipt therefor, and pay them out only on an authorized order from the Secretary, approved by the Board of Directors, and countersigned by the President or nominee of the Board. He shall keep a proper record of his receipts and disbursements, subject to the inspection of the Society, and shall deliver to his successor all moneys, books and other property belonging to the Society which may be in his possession, and at the annual meeting or when otherwise required, he shall furnish a complete report of his office, producing vouchers for all moneys paid out. He shall furnish such bond for the faithful performance of his duties as the Board shall direct, the cost of same to be paid by the Society.

7. It shall be the duty of the Board of Directors to have full charge of the working interests of the Society; they shall aid the President in the management of the Society between its sessions, and shall report on such matters as may be assigned to them for consideration on a vote of the Society at its meetings.

8. All members of the Society who are in good standing shall be eligible for any office in the Society. The President, Vice-Presidents, Secretary, and Treasurer shall be ex-officio members of all committees.

9. Six Directors shall constitute a quorum for the transaction of business at any authorized meeting of the Board.

10. The member named first on any committee shall act as Chairman until another is chosen by the said committee.

11. Parliamentary usages shall be observed in all debates and discussions.

12. In the election of officers, a ballot shall be taken for the President and the Vice-Presidents, and it shall require a majority of the votes cast to elect each such officer, and when three or more candidates are nominated, the one receiving the lowest number of votes on each ballot shall be dropped from the list, until only two remain, or until one shall have received a majority of the votes cast. In balloting for Directors the twenty candidates receiving the highest number of votes shall be elected and all ballot papers used shall bear the stamp of the Society.

13. No person shall be elected to the office of President of the Society for more than two years in succession, and a period of two successive years shall intervene between any terms of office so held.

14. The President may appoint a Nominating Committee whose duty it will be to prepare a list of twenty members who, from their interest in the Society, will undertake to act on the Board of Directors, and shall nominate the same at the General Meeting. These names shall be printed on a ballot slip, but such action of a Nominating Committee shall not prevent further alternative names being added by members by nomination at the General Meeting.

15. By-Laws may be made, altered or repealed at a meeting called in accordance with the Constitution.

EDITOR'S NOTE:—The foregoing is a list of the clauses of the Constitution, the Rules of the Society and the By-Laws, revised by the Special Committee appointed for that purpose at the Annual Meeting held in December, 1928. These have still to be ratified by the Society at a General Meeting.

Notes on Novelties

For the benefit of those members who have not access to the latest information regarding the merits of some of the more recent European introductions we give below brief reports on a few Rose novelties which seem to give promise of being sufficiently valuable to warrant our according them a trial. Several of those mentioned are already in commerce and it is expected that the others will be available in 1931.

Elizabeth Arden, H.T. (George Prince)—This is reported as being of beautiful shape and with good texture of petal. The colour is white with a faint suggestion of lemon at the base of the petals. It is said to be delightfully fragrant and a vigorous grower.

Aureate, H.T. (Alex. Dickson & Sons, Limited)—Described as a decorative garden Rose of great charm. The color is deep yellow, the blooms somewhat small in size, but of good shape and freely produced. Fragrant.

Gladys Benskin, H.T. (Alex. Dickson & Sons, Limited)—The color is said to be a warm pink, shaded yellow and old gold. The blooms are well-formed and lasting but the color is inclined to pale with age. The habit of growth is vigorous and the foliage disease-resistant.

Trigo, H.T. (Alex. Dickson & Sons, Limited)—This variety is said to carry shapely blooms on long, erect stems, double, and rich salmon-yellow in colour. The habit of growth is reported to be vigorous and branching, and the foliage free of mildew.

Mrs. H. G. Johnstone, H.T. (Bees, Limited)—Claimed to be a first-rate exhibition variety the blooms of which are carried erect, are of good shape, with strong petals and a rich pink colour. The habit of growth is strong and robust.

Mrs. Samuel McGredy, H.T. (S. McGredy & Son)—This is reported to be a fine, well-shaped Rose of beautiful colour, combining the shades of orange, red and apricot, the reverse of the petals being red. The blooms are large, and produced on long stems. The habit of growth is moderately vigorous and the foliage dark bronze-red in colour. Moderately fragrant.

Caledonia, H.T. (Dobbie & Co., Limited)—The colour is paper white with a slight tinge of lemon. The blooms are large in size, of fairly good shape, with high pointed centre, but the petals are somewhat soft. The habit of growth is strong and upright and the foliage light green. No fragrance.

James Gibson, H.T. (S. McGredy & Son)—This is described as a bold, full Rose of good shape, the colour being a rich, velvety crimson which is a little inclined to fade as the blooms age. The growth is moderately vigorous and branching. It carries fragrance and is capable of producing excellent specimen blooms.

W. E. Chaplin, H. T. (Chaplin Bros., Limited)—This Rose is recommended for exhibition purposes as well as for general garden use. It is deep crimson in colour, with blooms of good form, full, and with high pointed centre. The habit of growth is vigorous and the variety is said to be particularly fine in autumn. Fragrant.

Several others that are reported upon favourably are Jules Gaujard, Per., Marguerite Chambard, H.T., and Helen Fox, Per.

In a Rose Garden

By W. V. Newson

The birds are plashing in their bath
Beside my trellis vines;
The roses nod beside the path
As drip their dewy wines;
By fluted flake and scent of musk
I lead my dreams into the dusk.

The fondest dreams of life take shape,
When roses are our friends.
The lily lifts her royal nape
And artlessly pretends
To purer things, though well she knows
No beauty is above the rose.

For all the flowers, that have their play,
To tempt the butterfly,
Each has its own beguiling way
As have the violets shy;
But I shall love my roses best;
Tho' brief their day! Tho' soon they rest!

What march of beauty lumes the past!
What ancestry and line,
Drives to this perfect form, this last
One flower, that bends its vine,
Beside my garden path! One knows
God's tend'rest mood did make the rose.

He took the amber from the dawn,
Some white and pink and red;
Where morning's brightest hues were drawn,
He took them from their bed;
Then built them into cells of dew
And touched them with His love—for you.

After Rain

"Rain, rain—
Beating against the pane;
How endlessly it pours,
Out of doors,
From the blackened sky;
—I wonder why?

Flowers, flowers—
Upspringing after showers,
Blossoming fresh and fair,
Everywhere;—
Ah! God has explained
Why it rained!" —Selected

LIFE MEMBERS

Adam, Mrs. G. G.	160 St. George St.
Aikins, Mrs. W. H. B.	134 Bloor St. W.
Ames, Mr. A. E.	Glen Stewart, Kingston Rd.
Armour, Miss M. E.	4 Chicora Ave.
Bertram, Mr. H.	Dundas, Ont.
Beardmore, Miss H. L.	Meadowvale, Ont.
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Burden, Mrs. C. E.	494 Avenue Road
Burden, Mr. C. E.	494 Avenue Road
Burgoyne, Mrs. W. B.	St. Catharines, Ont.
Burnside, Mrs. J. S.	49 Clarendon Cres.
Christie, Mrs. R. J.	3 Frybrook Drive
Cox, Mr. H. C.	Oakville, Ont.
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Dunbar, Mrs. Geo. E.	27 Glengrove Ave. E.
Eaton, Lady	480 Davenport Road
Eaton, Mrs. Timothy	182 Lowther Ave.
Flavelle, Sir Joseph	Queen's Park
George, Mr. W. K.	71 Highlands Ave.
Gibbons, Mrs. J. J.	120 Roxborough St. E.
Gooch, Mrs. F. H. G.	120 Crescent Road
Gow, Dr. George	19 Chestnut Park Road
Gow, Lt.-Col. Walter	21 Chestnut Park Road
Hamilton, Mrs. L. A.	30 St. Joseph St.
Hanna, Mrs. W. J.	236 N. Brock St., Sarnia, Ont.
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Heward, Mr. Aubrey D.	Oakville, Ont.
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Holden, Mrs. J. B.	7 Thornwood Road
Holden, Mr. J. B.	7 Thornwood Road
Holmsted, Mr. A. W.	45 Dunvegan Road
Howard, Mrs. Lewis	62 Inglewood Drive
Howard, Mr. Lewis	62 Inglewood Drive
Jarvis, Miss Bertha	34 Prince Arthur Ave.
Kennedy, Mrs. J. R.	1673 Kingston Road
Laidlaw, Mr. R. G.	35 Jackes Ave.
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Lyon, Mr. Walter H.	85 Isabella Street
Mackendrick, Col. W. G., D.S.O.	Chestnut Point, Oakville
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Miskelly, Mr. William M.	469 Broadview Ave.
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Nerlich, Mr. Henry	78 Chestnut Park Road
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Rolph, Mr. F. A.	130 Inglewood Dr.
Rose, Col. Hugh A.	Welland, Ont.

Roy, Mr. W. Ormiston.....	207 Papineau Ave., Montreal
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Temple, Mrs. Chas. A.....	206 Heath St. West
Thomson, Mrs. J. B.....	151 Rusholme Rd.
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Venables, Mr. F. G.....	Riverview, Drive
Warren, Mrs. H. D.....	95 Wellesley St.
Williams, Mrs. H. H.....	565 Avenue Road
Wilson, Mr. J. Lockie.....	582 Huron St.
Wright, Mrs. Hedley.....	Shortlands, Kent, England

HONORARY LIFE MEMBERS

Brush, Mr. Seely B.....	32 Lowther Ave.
Freemantle, Mr. A. H. O.....	21 First Ave.
Gibbons, Mr. J. J.....	120 Roxborough St. E.
Maccoomb, Mr. Albert.....	104 Bond St.

SUSTAINING MEMBERS

Blundell, Mrs. Arthur.....	R.R. No. 3, St. Catharines, Ont.
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Burgoyne, Major H. B.....	St. Catharines, Ont.
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Clark, Mrs. A. R.....	482 Avenue Road
Clark, Mrs. L. H.....	6 Clarendon Crescent
Clark, Mrs. T. J.....	68 Walmer Road
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Dunlop, Mr. Frank W.....	14 Adelaide St. W.
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Harcourt, Mrs. F. W.....	179 Poplar Plains Road
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Macdonald, Mrs. W. Campbell.....	169 St. George St.
McDonald, Mr. Kenneth P.....	Ottawa, Ont.
Mitchell, Mr. P. H.....	1003 Bank of Hamilton Bldg.
Moore, Mrs. Napier.....	74 Colin Ave.
Peacock, Mrs. E. R.....	71 Crescent Road
Reaves, Mrs. Campbell.....	165 St. George St.
Reaves, Mr. Campbell.....	165 St. George St.
Rogers, Mrs. A. S.....	103 Poplar Plains Road
Rolph, Dr. A. H.....	Hospital for Sick Children, College St.
Sampson, Mr. J. E.....	72 St. Leonard's Ave.
Smith, Messrs. E. D. & Sons.....	Winona, Ont.
Snively, Major A. C.....	20 Heathdale Road

VanEvery, Mrs. W. S.	St. Catharines, Ont.
Watt, Mr. E. H.	R.R. No. 1, Eglinton, Ont.
Wills, Mrs. Hamilton B.	Shadow Brook, Willowdale, Ont.
Wood, Mr. E. R.	26 King St. E.
Wrong, Prof. G. M.	73 Walmer Road

AFFILIATED SOCIETIES

Edmonton Horticultural and Vacant Lots Garden Assoc.	Edmonton, Alta.
Eglinton District Horticultural Association	Toronto, Ont.
Fullarton Horticultural Society	Gormley, Ont.
Guelph Horticultural Society	Guelph, Ont.
Halifax, Floral Association	Halifax, N.S.
Kitchener Horticultural Society	Kitchener, Ont.
Ottawa Horticultural Society	Ottawa, Ont.
Paris Horticultural Society	Paris, Ont.
St. Catharines Horticultural Society	St. Catharines, Ont.
St. Clair District Horticultural Society	Toronto, Ont.
Vancouver Horticultural Society	Vancouver, B.C.
Welland Horticultural Society	Welland, Ont.

ORDINARY MEMBERS

Adam, Mr. G. G.	160 St. George St.
Adams, Mr. Roy N.	161 Colin Ave.
Adams, Mr. W. M.	Box 62, Belleville, Ont.
Addison, Dr. W. L. T.	431 Broadview Ave.
Affleck, Mr. Robert	186 Lawrence Ave. W.
Aga, Mr. Dinsha M.	Rose Cottage, Deolali, via Bombay, India
Aga, Mr. Rustom Fredoon	5 Frere Road, Fort, Bombay, India
Albright Mr. J. G.	121 Ellsworth Ave., Toronto
Alexander, Mrs. W. Murray	245 Bay St. S., Hamilton, Ont.
Allanson, Mr. H. E.	144 Evelyn Cres.
Allan, Mr. R. J.	16 Balsam Ave. N., Hamilton, Ont.
Allen, Mr. Geo.	41 Wilton Ave., Welland, Ont.
Allen, Mrs. W. B.	612 Coxwell Ave.
Allison, Dr.	West Main St., Welland, Ont.
Anderson, Mr. A. S.	15 Chambers Ave.
Anderson, Mr. Duncan	185 Walmer Road
Ambrose Mr. H. S.	126 Aberdeen Ave., Hamilton
Anderson Miss Rose	185 Walmer Road
Anderson, Mr. W. H.	Barriefield, Ont.
Angle Mr.	c-o Bedford Park Floral Co., Richmond Hill, Ont.
Anguish, Mr. John	44 Lyndwood Ave., Simcoe, Ont.
Angus Mrs. H. H.	34 Farnham Ave.
Archbold, Mr. E.	656 Annette St.
Armstrong, Mrs. A.	72 Douglas Drive
Ashbridge Miss S.	Scarboro Bluffs P.O., Ont.
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Badke Mrs. George J.	16 Rambert Ave.
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Bailey, Mrs. T. B.	14 Highland Ave.
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Bain, Mrs. J. W.	36 Forest Hill Road
Baker, Mrs. Geo. A.	44 Jackes Ave.
Baker, Mr. T. G.	57 Springmount Ave.

Baker, Mr. Wallace.....	Aylmer West, Ont.
Baldwin, Mr. R. W. Y.....	Box 708, Paris, Ont.
Baldwin Mrs. S.....	33 Manor Road East
Ball, Miss M. L.....	104 Broadway
Bambridge Mrs. A.....	83 Linsmore Cres.
Barbour, Mrs. D.....	561 Clinton St.
Bardwell, Mr. Arthur.....	5 Shudell Ave.
Barnes, Mrs. H. R.....	Port Hope, Ont.
Barnes Mr. Taylor.....	Box 85, Lakeview, Ont.
Barr, Mrs. W. J.....	99 Walmer Road
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Barrett, Mrs. A. E.....	Conquest, Sask.
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Beardmore, Mr. Geo. W.....	136 Beverley St.
Beare Mr. J. G.....	108 East Bourne Ave.
Beatty, Mrs. E. P.....	69 Lowther Ave.
Beatty, Mrs. M. J.....	Fergus, Ont.
Beatty Miss M. H.....	122 Dunvegan Road
Beatty Mr. P. W.....	2 Ava Cres.
Becket Miss A. M.....	16 Alexander Blvd.
Beckley Mr. F.....	71 Ottawa St., Walkerville, Ont.
Bell, Mr. Fred A.....	2 Prince Albert St., St. Thomas
Bell, Mr. J. E.....	Box 94, Milton, Ont.
Bell Miss M.....	Pembroke, Ont.
Bennett, Dr. F. E.....	17 Hincks St., St. Thomas, Ont.
Bennett, Mr. E. J.....	1532 Bank of Hamilton Bldg.
Berry Mr. R. M.....	21½ Victoria Park Ave.
Bertram, Mr. H. G.....	Cross St., Dundas, Ont.
Bertram, Mrs. L. H.....	R.R. No. 3, Brampton, Ont.
Bevans, Mr. F. W.....	372 Soudan Ave.
Bew, Mr. W. J.....	52 Conway Ave.
Bigwood Mr. L. S.....	97 Montrave Ave., Oshawa, Ont.
Bird Miss Isabel E.....	80 Wellington St., Barrie, Ont.
Biscoe Major J. R.....	Thorold, Ont.
Bishop, Mr. A. C.....	Young St., Elmvale, Ont.
Black, Mrs. M. M.....	Springfield, Ont.
Black Major J.....	629 Lansdowne Ave.
Blake Mr. Geo.....	243 Waverley Road
Blacklock Miss M. E.....	Meadowvale, Ont.
Blackburn, Mrs. Leonard L.....	8 Austin Cres.
Bligh, Mr. Hugh H.....	Kentville, N.S.
Boddington Dr. D. H.....	333 Bloor West
Booth, Mrs. Blake L.....	85 Aqueduct St., Welland, Ont.
Bow, Mrs. Wm.....	367 Lauder Ave.
Bowden, Mrs. J. W.....	69 Pleasant Blvd.
Bowen, Mr. John.....	Lansing, Ont.
Bowen Mr. R. C.....	652 Bronson Ave., Ottawa, Ont.
Bower Mrs. B.....	303 Woodbine Ave.
Bowers Mr. W. A.....	360 Broadview Ave.
Bowman, Mrs. W. H.....	329 St. Clair Ave. East
Boyce, Mr. H. R.....	c-o E. D. Smith & Son, Winona, Ont.
Boyd, Mr. E. W.....	67 Warren Rd.
Bradden, Mr. W. T.....	10508 71st Ave., Edmonton, Alta.
Brady Mr. M. E.....	116 Windsor Ave., London, Ont.
Brasford, Mr. Edward.....	169 Main St. West, Welland, Ont.

Brayley, Dr. R. E.	113 Kendal Ave.
Brayley, Mr. J. E.	113 Kendal Ave.
Brennan, Mr. A. J. J.	54 Merrill St. West, Welland, Ont.
Brennan, Mrs. A. J. J.	66 Bugar St., Welland, Ont.
Brimacombe, Mr. W. H.	Box 187, Bowmanville, Ont.
Brimacombe, Mrs. J. H.	Box 187, Bowmanville, Ont.
Brock, Miss M. G.	42 Prince Arthur Ave.
Broom Mr. Herbert	41 Glendora Ave., Lansing P.O.
Broome, Mr. E. Harold	79 Lillian St.
Brown Mr. Arthur M.	5 McMaster Ave.
Brown, Mrs. M. A.	83 Badgerow Ave.
Brown, Mrs. R. C.	65 Clarendon Ave..
Brown, Mr. W. A.	40 Russell Ave., St. Catharines, Ont.
Browne, Miss Annie J.	Scarboro, Ont.
Brunton Mr. Arthur G.	224 Arlington Ave.
Brush, Mr. S. B., Jr.	Box 886, Ponthill, Ont.
Bryden, Mr. R. J.	Welland, Ont.
Buchanan, Mr. G.	10124 87th Ave., Edmonton, Alta.
Buck, Prof. F. E.	University of B.C., Vancouver
Bucke, Mr. William A.	30 Walmer Road
Buckingham, Mr. W. E.	Douglas St., Guelph, Ont.
Budd Mrs. E. C.	211 Kingswood Road
Buffam, Mrs. F. V.	Thom St., Perth, Ont.
Bullas Mr. E.	10 Rambert Ave.
Bugar Miss Donna G.	202 N. Main St., Welland, Ont.
Burk, Mr. E. C.	24 Highview Cres.
Burns, Miss Grace	61 Alexander St., Oshawa, Ont.
Butt, Mr. H. A.	38 Simcoe St. N., Oshawa, Ont.
Butt, Mr. Leonard	367 Bartlett Ave.
Butterell, Mr. H. R.	310 Keele St.
Byers, Miss M.	City Hall, Ottawa, Ont.

Cahill, Mr. E. D.	65 Sun Life Bldg., 42-50 James St. S. Hamilton, Ont.
Cairncross, A. R.	831 Richmond St., London, Ont.
Calvert, Mr. C. E.	34 Huntley St.
Calvert, Miss Lulie	46 Allan Ave., Guelph, Ont.
Camblin, George	2 Gibson Ave., Thistle Town, Ont.
Cameron, Mrs. C.	16 Wiley St., St. Catharines, Ont.
Cameron, Mr. I. D.	St. Thomas, Ont.
Cameron, Mrs. I. H.	291 Sherbourne St.
Campbell, Mr. J. M.	Canadian Bank of Commerce, Dundas, Ont.
Canadian Horticultural Council	Ottawa, Ont.
Cardwell Mr. E.	86 Bugar St., Welland, Ont.
Cardy, Mr. W. J.	9808 88th Ave., Edmonton, Alta.
Carling Mr. Isaac R.	Exeter, Ont.
Carruthers, Miss Hilda	R.R. 1, Whitby, Ont.
Carswell, Mrs. F. G.	212 King St. E., Oshawa
Carter Miss Helen	Port Colborne, Ont.
Carter, Mr. J. E.	Box 89, Guelph, Ont.
Carter, Mrs. W. F.	213 Rosedale Heights Drive
Cassels, Miss A.	72 Clarendon Ave.
Castle Miss M. S.	Meadowvale, Ont.
Cattanach, Mr. E. C.	68 Prince Arthur Ave.
Catto Mr. John M.	12 Domino St., York Mills, Ont.
Central Experimental Farm	Ottawa, Ont.
Chadwick Mr. Bryan	107 Howland Ave.

Chalkley Mrs.	712 Greenlaw Ave.
Chambers, Mr. C. E.	67 Lake Shore Blvd.
Chambers Mr. F. H.	172 Glenholme Ave.
Cheetham Mr. P. H.	122 Kirknewton Rd., Fairbank, Ont.
Christie, Mr. L. Huntley.	101 Admiral Rd.
Clark Mr. F.	369 Balliol St.
Chipman Mrs. Willis.	103 Spadina Road
Clark, Mr. Geo. M.	226 St. George St.
Clark, Mr. H. A.	935 Woodbine Ave.
Clark, Dr. J. B.	Aylmer West, Ont.
Clark, Mr. O. R.	93 King St. E.
Clarke Rev. W. H.	Shannonville, Ont.
Clay Miss Bessie.	283 Silver Birch Ave.
Clemens Mr. Edward.	R.R. 5, Fenwick, Ont.
Cluff, Mr. A. F.	Seaforth, Ont.
Cobley, Mr. E. H.	7 Phelps St., St. Catharines
Cohoe, Mrs. J. E.	Welland, Ont.
Colbeck Dr. W. K.	23 Division St., Welland, Ont.
Coleman, Mr. D. B.	Welland, Ont.
Coleman, Miss H.	476 Huron St.
Collins, Mr. E. F.	84 Springhurst Ave.
Collins Mr. Fred.	Chatham, Ont.
Colombo Mr. J. L.	46 Shanley St., Kitchener, Ont.
Conant, Mrs. G. D.	Oshawa, Ont.
Connor, Mrs. D. H.	Aylmer, Ont.
Cook Mr. Charles.	General Delivery, Sandwich, Ont.
Cooper, Mrs. Duncan.	68 Rowanwood Ave.
Cooper, Mr. H. G.	34 Cortland Ave.
Cooper, Mrs. W. B.	15 Avenue Road
Cork, Miss Helen.	5 Garnock Ave.
Cormick Mrs. B. J. M.	243 Main St. East, Welland, Ont.
Coulson, Mr. Charles L.	Welland, Ont.
Cowper, Mr. A. K.	199 Division St., Welland, Ont.
Cox, Mrs. Alfred W.	Box 295, Paris, Ont.
Coyle, Mr. J. P.	Aylmer West
Cragg, Capt. C. J.	297 Russell Hill Rd.
Cranston, Rev. R. A.	29 Bald St., Welland, Ont.
Crawford Mr. R. F.	356 Kingswood Road
Creber, Mr. George H.	187 Scarborough Road
Cridland Mrs. A. D.	9 Grenadier Heights, Swansea, Toronto
Cronkwhite, Mrs. W. D.	437 Concord Ave.
Cronyn, Mr. Hume.	580 Dundas St., London, Ont.
Crow Mr. J. W.	Simcoe, Ont.
Crowther Mr. James E.	33 Condor Ave.
Cruickshank, Mrs. C. W.	32 Roslin Ave.
Cruickshank, Mr. C. W.	32 Roslin Ave.
Cruickshank, Dr. F. D.	Weston, Ont.
Curry, Mrs. A. L.	32 Division St.
Curtis, Mr. W. A.	Glenwood Farm, Lansing, Ont.
Cushine Mr. James.	43 Empire Ave.
Dafoe Mr. Gerald.	8 Oakvale Ave.
Darby, Mr. E. H.	373 North Main St., Welland, Ont.
Darling, Miss Estelle.	Almonte, Ont.
Davidson Mr. G. R.	309 Glenholme Ave.
Davidson Miss Margaret.	53 Barrington Ave.

Davies Mr. E. A.	349 Balliol St.
Davies Mr. Felix	27 Dundurn Cres.
Davies, Dr. T. A.	153 Dunvegan Rd.
Davies, Mr. W. Rupert	138 Albert St., Kingston, Ont.
Davis, Mrs. Andrew	Newmarket, Ont.
Davis, Mr. Arthur M.	51 Milton Ave., Stratford, Ont.
Davis, Dr. H. J.	Aylmer West, Ont.
Davis, Miss Margaret	"The Hermitage," Cayuga, Ont.
Davis Mr. M. R.	21 King St. W., Kingston, Ont.
Dawdy, Mr. Frank	19 Marjorie Rd., Welland, Ont.
Daxon, Mr. James	594 Lauder Ave.
Daykin, Mr. E. Brooke	St. Leonard's Crescent
Deacon, Mrs. F. H.	2 Elm Ave.
Deacon, Col. F. H.	2 Elm Ave.
Deacon, Mr. W. B.	220 William St., Belleville, Ont.
Dean, Mrs. E. Sterling	22 Mackenzie Ave.
Dean, Mrs. M. E.	561 Avenue Road
Dempster, Mrs. T.	230 Glenholme Ave.
Denison, Miss M. M.	55 Prince Arthur Ave.
Devine, Dr. C. J.	Beaverton, Ont.
Dew, Mr. Chas. T.	R.R. No. 1, Eglinton, Ont.
Dickinson, Mr. H.	49 George St., St. Catharines, Ont.
Dillane Mrs. M. K.	Schomberg, Ont.
Dingman Mr. R. G.	c-o Fraser, Dingman & Co., 217 Bay St.
Dixon Mr. R. W.	31 Sanford Ave.
Dods, Mrs. J. M.	Alton, Ont.
Doherty, Mrs. W. Harvey	235 King St. E., Oshawa, Ont.
Doret, Mrs. A. M.	117 Deloraine Ave.
Doret, Mr. A. M.	117 Deloraine Ave.
Douglas Mr. Robt. J.	377 Manor Ed. E., Toronto
Douglas, Mr. Wm. M.	64 South Drive
Downham, H. C. Nursery Co. Ltd.	Strathroy, Ont.
Driver, Mr. E. T.	126 Clifton Road
Dudley Mrs. L. W.	Whitby, Ont.
Duggan, Mr. T. W.	Brampton, Ont.
Duncan, Mr. E. J. B.	164 Glencairn Ave.
Duncan, Mrs. J.	Church St., Richmond Hill, Ont.
Duncan Mrs. M.	10 Gwynne Avenue
Dundas, Mr. A. R.	James St., Cobourg, Ont.
Dunham, Mr. Melor	43 Norway Ave.
Dunlap, Mrs. D. A.	93 Highlands Ave.
Dunn, Mrs. C. E.	Box 11, Paris, Ont.
Dunn, Mrs. James	105 Fourth St., New Toronto, Ont.
Durrant, Mr. W.	Box 380, Oakville, Ont.
Duthie Mr.	383 Davisville Ave.
Dyer, Miss Dorothy	726 Dovercourt Road
Dyer, Mrs. G. H.	726 Dovercourt Road
Dyer, Mr. W. D.	Columbus, Ont.
Dykes, Mr. Phillip	307 Lumsden Bldg.
Dyson, Mr. Hubert H.	Welland, Ont.
Dyson Mr. Vincent S.	229 Maple Ave., Welland, Ont.
Eccles, Mr. Wm.	90 McGill St.
Eddie, Mr. H. M.	Sardis, B.C.
Edgar, Mrs. Wm.	Port Hope, Ont.
Edwards Mr. E. L.	Box 429, Englehart, Ont.

Egles Mrs. E.	Salisbury Ave., Humber Bay, Ont.
Elliot Mrs. R. B.	Gormley, R.R. 2, Ont.
Elliott, Mrs. W. J.	57 Walmer Road
Ellis, Mr. H. T. W.	3 California Ave., Sandwich, Ont.
Emerson, Mrs. Agnes	Box 454, Paris, Ont.
Ernst, Mrs. Henry Allan	New Hamburg, Ont.
Evans, Mr. Fred W.	276 St. James St., Montreal, Que.
Evans Mr. W. G.	282 Scarboro Road
Falls, Mrs. Harvey S.	"Wendover," Simcoe, Ont.
Fanton, Mr. Fred. W.	670 Milverton Blvd.
Farr, Mr. James	216 Ashdale Ave.
Farrell, Mr. R. J.	48 Craig St., Ottawa
Fegan, Mr. Chas. R.	Fenwick, Ont.
Fennell, Mr. Robt.	1606 Bathurst St.
Fenton, Dr. W. K.	Islington, Ont.
Ferguson, Mr. W. T.	85 John St., Smith Falls, Ont.
Ferrier, Mrs. F. N.	562 Dovercourt Road
Pice, Mr. C. E.	52 Lascelles Blvd.
Field, Mr. Burton E.	36 Highfield Road
Fillimore, Roscoe A.	Valley Nurseries, Centreville, N.S.
Fisk, Mr. H. J.	150 Beverley St.
Fisken, Mrs. J. Kerr	60 Madison Ave.
Fitch, Mr. C. A.	70 Howland Ave.
Fleck, Mrs. A. W.	500 Wilbrod St., Ottawa, Ont.
Fleming, Mrs. A. L.	63 Rosedale Heights Drive
Fleming, Mr. R. R.	71 Queen St. West, Welland, Ont.
Fleming, Mr. Wm. G.	154 Sydenham St., London
Fletcher, Mr. A. Herbert	Bowmanville
Fletcher, Mr. A. T.	Temperance St., Bowmanville, Ont.
Flett, Mr. Frank	195 Sherman Ave. S., Hamilton, Ont.
Flummerfelt, Mr. Thos.	Thorold, Ont.
Forbes, Dr. A. W.	Room 106, 2 College St.
Forbes, Mrs. Geo. D.	Hespeler, Ont.
Foreman, Mr. O. J.	102 Hatherly Rd.
Forsyth, Mrs. Elizabeth	2078 Hamilton St., Regina, Sask.
Forsyth, Mrs. Robt.	168 Strathallan Blvd.
Fortner, Miss Maud	Welland, Ont.
Fortner, Miss Theo	24 Burgar St., Welland, Ont.
Fountain, Mr. Wm.	79 Regal Road
Fowlie, Mrs. R. A.	Strathroy, Ont.
Fox, Mr. Wm. Claud	119 Glen Road
Fox, Mrs. Wm. Claud	119 Glen Road
Foxton, Mr. Robt.	75 Hiawatha Rd.
Fraleigh, Dr. A. E.	St. Mary's, Ont.
Francis, Mrs. Lucy,	338 Roslyn Ave., Westmount, P.Q.
Franz, Mrs. W. C.	255 Penn Hill, Sault Ste. Marie, Ont.
Fraser, Miss E.	82 Hillsdale Ave. West
Fraser, Mrs. W. Kaspar	482 Russell Hill Road
French, Mr. C. G.	7 Northcliffe Blvd.
Frizell, Miss M. E.	292 St. George St.
Frost, Mr. S. A.	284 College St.
Fuce, Mr. O. J.	242 Dufferin St.
Fuller, Mr. W. J.	942 Queen St., Sault Ste. Marie, Ont.
Fulcher, Mr. L. Chas.	150 Sellers Ave.

Gammon, Mr. W. M.	O.A.C., Guelph, Ont.
Ganside, Mrs. Wm.	46 Lowther Ave.
Gardiner, Miss A.	177 Russell Ave., St. Catharines
Gausby, Dr. E. L.	118 Isabella St.
Gayman, Mrs. H. M.	Queenston St., St. Catharines
Geddes, Mr. Wm., Sr.	2 Margaret St., Guelph, Ont.
Gennings, Mr. Geo.	Thorold Road, Welland, Ont.
German, Mr. C. E.	521 Colborne St., London, Ont.
Ghent, Mrs. Percy P.	425 St. Clair Ave. E.
Gibb, Miss A. Adelaide	Parkhill, Ont.
Gibson, Miss Beatrice A.	70 Bicknell Ave.
Gibson, Mrs. J.	387 Keewatin Ave.
Gibson, Mrs. Ralph B.	54 Alvin Ave.
Giles, Mr. S.	10731 127th St., Edmonton, Alta.
Gilks, Mrs.	143 Beatrice St.
Gillies, Mr. D. B.	41 Dinnick Crescent
Gillies, Miss Mary G.	262 Benson Ave.
Gilmour, Mrs. Thomas.	171 St. George St.
Gilverson, Mr. W. E.	21 Roxboro Drive
Given, Mr. H. B.	381 Lansdowne Ave.
Given, Mrs. H. B.	381 Lansdowne Ave.
Gledhill, Mrs. Geo. H.	Box 54, Fort Francis, Ont.
Goldsworthy, Mr. E. J.	60 Blackthorn Ave.
Goldsworthy, Mrs. E. J.	60 Blackthorn Ave.
Good, Mr. J. A.	39 Alma St., Kitchener, Ont.
Goodman, Mr. W. G.	434 North Main St., Welland, Ont.
Goodrich, Mrs. C. M.	30 May Ave., Windsor, Ont.
Goodwin, Mr. John	75 Shotwell St., Welland, Ont.
Gordon, Mrs. J. F.	39 Burton St., Belleville, Ont.
Goudy, Mrs. E. G.	28 Bristol Road West, Newton, Mass.
Govan, Mrs. Jas.	64 Queensbury Ave., Birchcliff, Ont.
Gow, Mrs. A. Alan	629 Windermere Ave.
Gowland, Mr. Wm. C.	140 Evelyn Crescen.
Grafton, Miss E. M.	Dundas, Ont.
Graham, Dr. R. R.	106 Warren Road
Graham, Prof. R. R.	O.H.C., Guelph, Ont.
Grainger, Mr. E.	1360 Yonge St.
Gray, Dr. Henry	238 Keele St.
Gray, Mr. T. W.	62 Vansittart Ave., Woodstock, Ont.
Gray, Mrs. W. T.	High St., Port Credit, Ont.
Gray, Mr. W. T.	High St., Port Credit, Ont.
Graz, Mrs. G. R.	Sault Ste. Marie, Ont.
Green, Mrs. F. L.	Greenwood, Ont.
Green, Mr. F. L.	Greenwood, Ont.
Green, Mr. Jas. S.	339 Manor Road East
Green, Mrs. W. E.	11 Baby Point
Greenhough, Mr. T.	57 Barons Ave., Hamilton, Ont.
Greenshields, Mrs. Wm.	165 St. Germain Ave.
Greer, Mr. Robt.	88 Bellefair Ave.
Greig, Mrs. K.	19 Delavan Ave., Forest Hill, Ont.
Grier, Mr. A. Monro	Athelma Apts., Grosvenor St.
Grimshaw, Mr. J.	49-3rd St., New Toronto
Grose, Mr. Earl M.	9 Evelyn Crescent
Gross, Mr. M. C.	15 Ellen St. W., Kitchener, Ont.
Grover, Mr. J. L.	1518 Metropolitan Bldg.
Guest, Mr. A. E.	60 Courcelette Road

Gurnett, Mr. G.....	2 Samuelson St., Galt, Ont.
Guymmer, Mr. S. S.....	44 Hiawatha Road, Toronto
Hague, Mr. Thos.....	Smith's Falls, Ont.
Hainsworth, Mrs. G.....	8 Chesley Ave.
Hall, Mrs. E. C.....	34 Melrose Ave.
Hall, Mr. J. S.....	403 Soudan Ave.
Hammond, Mr. C.....	158 Russell Ave., St. Catharines, Ont.
Hancock, Mr. M. L.....	188 Dundas St., Belleville, Ont.
Hannigan, Mr. T. J.....	91 Quebec St. E., Guelph, Ont.
Hansman, Miss E. J.....	Box 352, Port Hope, Ont.
Harcourt, Miss E.....	179 Poplar Plains Road
Harcourt, Mr. R.....	Welland, Ont.
Harcourt, Mr. R. M.....	65 Beulah Ave.
Hardy, Mrs. E. A.....	124 Duplex Ave.
Harkness, Mr. A. H.....	185 Glencairn Ave.
Harling, Mr. R. Dawson.....	106 Springhurst Ave.
Harrington, Mrs. Christina.....	55 Elm Ave.
Harris, Miss A. M.....	Public Library, Guelph, Ont.
Harris, Miss Rose B.....	Box 117, Thornhill, Ont.
Harris, Mrs. T. E.....	Scarlett Road, Weston, Ont.
Harris, Mr. Wm.....	Rockwood, Ont.
Harrison, Mr. S. B.....	Hagersville, Ont.
Harrison, Mr. T.....	57 Helendale Ave.
Harrison, Mr. W. N.....	Confederation Life Assn., St. Mary's, Ont.
Hartry, Mr. Wm.....	Seaforth, Ont.
Harvey, Mr. J. F.....	18 Wright Ave.
Harvey, Mr. J. S.....	Exeter, Ont.
Haslett, Mr. A. J.....	260 Arlington Ave.
Hay, Mrs. Edward.....	43 Castle Frank Road
Hay, Miss.....	43 Castle Frank Road
Hay, Miss E.....	34 Roselawn Ave.
Heap, Mr. Wm.....	Wallaceburg, Ont.
Heath, Mr. S. B.....	136 Imperial St.
Hedgcock, Mr. Henry.....	482 Roxton Road
Hemmerick, Mr. C. C.....	85 Sterling Ave., Kitchener, Ont.
Henderson, Mrs. B. C.....	43 Fourth St., New Toronto
Henderson, Miss Dorothy.....	33 Bloor St. East
Henderson, Miss E. M.....	Dundas, Ont.
Henderson, Mrs. Joseph.....	155 Crescent Road
Henderson, Mrs. Percy E.....	"Purbrook," Riverview Drive
Henderson, Mrs. T. B.....	88 Spadina Road
Henniger, Mr. M. G.....	Smith Falls
Henning, Mrs. W. J.....	259 Warren Road
Henry, Mrs. C. N.....	124 King St., Oshawa, Ont.
Hepburn, Mr. Thos.....	Preston, Ont.
Hersey, Mr. H. C.....	166 St. Leonards Road
Heslop, Mr. J.....	36 Batavia Ave.
Heslop, Mrs. J.....	36 Batavia Ave.
Hickman, Mr. Frank E.....	10152 Christopher Columbus, "Ahuntsic," Montreal, P.Q.
High, Miss M. B.....	61 College St.
Higham, Mrs. H. C.....	18 Lincoln Ave.
Higham, Mr. H. C.....	18 Lincoln Ave.
Hilbert, Mrs. Chas.....	121 Hogarth Ave.
Hill, Mr. Fred T.....	New Westminster, B.C.
Hill, Rev. Canon G. C.....	Goderich

Hill, Mrs. S.	166 Westmount Ave.
Hillary, Miss K.	86 Millwood Rd.
Hinman, Mr. H. R.	92 South Drive
Hinton, Mr. Jack	140 Bowood Ave.
Hirst, Mr. J.	229 Balmoral Ave., N. Hamilton, Ont.
Hoblitzell, Mrs. F. G.	447 Oriole Parkway
Hodgson, Miss L.	18 Foxbar Rd.
Hodgson, Mr. R.	Box 626, Port Hope, Ont.
Holland, Mr. H. A.	11014-97 Ave., Edmonton, Alta.
Holland, Mrs. Norman	193 The Boulevard, Westmount, Que.
Holliday, Miss Emma T.	24 Fleet St., Guelph, Ont.
Hollis, Mrs. K. E.	495 Annette St.
Holloway, Mr. J. H.	124 Glenlake Ave.
Holme, Miss M.	37 Cheritan Ave.
Home, Mr. J.	12016-92nd St., Edmonton, Alta.
Hood, Mr. W. J.	Brampton, Ont.
Hooker, Mr. E. D.	18 Elgin St. E., Welland, Ont.
Hooper, Mr. A. H.	740 St. Maurice St., Montreal
Hooper, Mrs. Harry	548 Huron St.
Hooper, Mr. Harry	548 Huron St.
Hopkins, Mrs. C.	8 Douglas Ave., Humber Bay, Ont.
Hornby, Mr. T. E.	145 East Main St., Welland, Ont.
Horrox, Mr. H.	38 Queensbury Ave.
Houston, Mr. T. R.	74 Heathdale Road
Hover, Mrs. I.	27 Huff Ave., Grand View P.O., Brantford, Ont.
Howner, Mr. F. B.	10 Glengowan Road
Hoyle, Mr. Geo.	48 Belcourt Rd.
Hudson, Mrs. Sarah C.	Whitby, Ont.
Huehnergard, Mr. J. W.	81 Queen St. S., Kitchener, Ont.
Hughes, Mr. L. J.	61 Westmount Ave.
Hughes, Mr. Stephen	469 Division St., Welland, Ont.
Hulbig, Mr. Frank M.	81 Roxborough Drive
Hull, Mr. Albert Ed.	24 Bingham Ave.
Hume, Miss M. A.	Box 302, Port Hope, Ont.
Humphries, Mr. W. H.	274 Boston Ave.
Hunt, Mrs. H. M.	88 Sherwood Ave
Hunter, Miss Bessie L.	10938-74 St., Edmonton, Alta.
Hurley, Mrs. E. C.	91 Rose Ave.
Hurley, Mr. W. H.	137 Roehampton Ave.
Hutcheson, Mr. A. J.	56 Woodycrest Ave.
Hutchings, Mr. C. B.	Department of Entomology, Ottawa, Ont.
Hyland, Mrs. Elizabeth	Box 27, St. Mary's, Ont.
Hyland, Mrs. W. G.	112 Kohler St., Sault Ste. Marie, Ont.
Imbleau, Mr. T.	c-o Provincial Paper Mills, Georgetown, Ont.
Ince, Mr. Jos.	11 Oxford Drive, Mt. Dennis, Ont.
Ingles, Lt.-Col. C. J.	393 Parkside Drive
Ingrams, Mrs. T. C.	18 Humberview Rd.
Irvin, Mr. Chas.	115 Evelyn Crescent
Irving, Mr. George	66 Spadina Road
Ives, Miss Mabel	Strathroy, Ont.
Jack, Mr. Archibald	652 Balliol St.
Jack, Mr. Wm.	Box 19, Islington, Ont.
Jackson, Mr. Fred J.	159 Havelock St.
Jackson, Mr. F. S., "Inglewood,"	Long Branch Ave., Long Branch Pk., Ont
James, Mr. John W.	76 Collier St.

Janzen, Mr. Chas. H.	33 King St. E., Kitchener, Ont.
Jarvis, Mrs. Edgar	16 Elgin Ave.
Jarvis, Mr. E. M.	171 Spadina Road
Jarvis, Mrs. F. Starr	135 Balmoral Ave.
Jennings, Mrs. A. C.	241 Forest Hill Road, Toronto
Johns, Mrs. R. N.	86 Brock St., Oshawa, Ont.
Johns, Mr. R. N.	86 Brock St., Oshawa, Ont.
Johnson, Mrs. C. H. B.	1273 Broadview Ave.
Johnson, Mr. C. H. B.	1273 Broadview Ave.
Johnson, Mrs. David	429 Palmerston Ave.
Johnson, Mr. J. W.	1770 Queen St. East
Johnston, Mrs. E. F. B.	64 Bernard Ave.
Johnston, Mr. B.	31 Pretoria Ave.
Jonas, Mr. Henry	112 Waterloo St., Kitchener, Ont.
Jones, Mrs. G. W.	Stirling, Ont.
Jones, Mr. J. D.	977 Queen St. E., Sault Ste. Marie, Ont.
Jones, Mr. Le Roy H.	13 St. George's Place, Westmount, Que.
Jones, Mrs. T. K.	34 Bracondale Hill Road
Jury, Mr. J. H. H.	Bowmanville, Ont.
Kamm, Mrs. F. J.	48 Warland Ave.
Kamm, Mrs. Wm. G.	20 Frizzell Ave.
Kay, Mr. C. B.	394 Kingswood Rd.
Keating, Miss Gladys	182 Balsam Ave.
Keegar, Miss B.	338 Davenport Rd.
Keith, Mr. Gordon C.	49 Turner Road
Keillor, Mr. J.	53 Colin Ave.
Kelley, Mrs. H. J.	181 Grenadier Rd.
Kemp, Mr. Arthur	The Lodge, Willistead Pk., Walkerville, Ont.
Kennedy, Mr. John R.	United Drug Co., 68 Broadview Ave.
Kerr, Mr. Geo.	57 Woodrow Ave. East
Kerr, Mr. R. D.	8 Kitchener Ave., Fergus
Kew, Mr. James	38 Lauder Ave.
Keyes, Mr. J. E.	64 Ainsley St. S., Galt, Ont.
Kidd, Mr. T. W.	24 Fairview Blvd.
Kilvingston, Mr. E.	48 Imperial St.
Kincaid, Mr. V. F.	14 William St., Brockville
King, Mrs. Cecil C.	114 Imperial St.
King, Mr. Cecil C.	114 Imperial St.
King, Mr. T. C.	Wingham, Ont.
Kinnear, Mr. J. P.	3 Harcroft Road
Kinsey, Mr. G. W.	7 Delaney Cres.
Kirk, Mr. Samuel	Box 673, Whitby, Ont.
Klees, Mrs. J.	Box 461, Aurora, Ont.
Kneale, Mr. J. A.	383 Sunnyside Ave.
Knoll, Mr. Marvin	Humberstone, Ont.
Knox, Mr. W. A.	Port Credit
Lahey, Mr. Geo. R.	73 Maple Ave., Welland, Ont.
Laird, Mrs. Alexander	48 Cluny Ave.
Lambert, Mr. Norman P.	1199 Wellington Cres., Winnipeg
Lamble, Mr. F. T.	376 King St. E., Oshawa, Ont.
Lamont, Geo.	14 Winnett Ave.
Langmuir, Miss W. D.	288 Bloor St. West
Laurie, Mr. A.	653 Queen Victoria Ave., Westmount, Que.
Lautenschlager, Miss M.	62 Courtland Ave. E., Kitchener

Law, Mrs. Chas.	262 Roncesvalles Ave.
Law, Miss Maud	1215 Algoma Ave., Moose Jaw, Sask.
Lawrence, Mr. Wm.	Weston, Ont.
Lay, Mr. H. M.	Barrie, Ont.
Layritz, Mr. Richard	c-o Layritz Ltd., Victoria, B.C.
Leak, Mrs. A. H.	38 Edgar Ave.
LeBourdais, Mr. D. M.	103 St. George St.
Leech, Mr. G.	43 Shannon St.
Lefroy, Miss Beatrice	120 Warren Road
Leitch, Mr. Arthur S.	421 Russell Hill, Road
Lennie, Mrs. W.	16 Glen Elm Ave.
Letsche, Mr. J. M.	406 Soudan Ave.
Lewis, Mr. Arthur	Thorold, Ont.
Lewis, Mrs. E.	26 Mallon Ave., Toronto
Lewis, Dr. Griffin	600 University Bldg., Syracuse, N.Y.
Lillie, Mr. S.	846 Palmerston Ave.
Lind, Mr. T.	Englehart, Ont.
Linklater, Mrs. Charles	Angus, Ont.
Lismer, Mr. Arthur	69 Bedford Park
Little, Mrs. J. F.	Martin St., Milton, Ont.
Little, Mr. Wm.	Agincourt, Ont.
Livesay, Mr. F. J. B.	132 Walmer Road
Logie, Mrs. W. H.	377 Walmer Road
Long, Mrs. E. G.	20 Old Forest Hill Rd.
Lough, Mr. Robt.	314 Glenholme Ave.
Lovell, Mr. H. V.	135 Pinewood Ave.
Lowe, Mr. Jack	c-o Mrs. Copeland, Brantford
Lucas, Mrs. R. A.	63 Duke St., Hamilton, Ont.
Ludwig, Mr. M. H., K.C.	320 Russell Hill Road
Lynde, Miss Carrie	110 Earl Grey Road, Toronto
Lyon, Mr. J. W.	161 Queen St., Guelph, Ont.
Macabe, Mrs. T. J.	Glenwood Farm, Lansing, Ont.
Macaulay, Mrs. H. R.	85 Queen St., Guelph, Ont.
Macdonald, Mr. A. P.	293 Waverley Road
Macdonald College	St. Anne de Bellevue, Que.
MacDonald, Mr. J. W.	129 Waterloo St., Kitchener, Ont.
Macdonald, Mr. W. B.	18 Heathdale Road
Macdonell, Mrs. A. MacLean	35 Prince Arthur Ave.
Maciver, Mr. J. C.	Welland, Ont.
MacKenzie, Mrs. J. N.	299 Blythwood Road
Mackey, Mr. John	15 First Ave.
Mackie, Miss Marion	44 Central St., Oshawa, Ont.
Mackinnon, Mrs. Ross	Oshawa, Ont.
MacLean, Mr. Donald	51 Leuty Ave.
MacLean, Mrs. J. B.	7 Austin Terrace, Wells Hill
MacLennan, Prof. A. H.	O.A.C., Guelph, Ont.
MacMurchy, Mrs. Angus	67 Chestnut Pard Rd.
Maccomb, Mrs. H. W.	Welland, Ont.
Madden, Miss Olive	14 Bowden Ave.
Maitland, Miss Jean	Elora, Ont.
Malcolmson, Mr. H. H.	78 Baby Point
Mann, Mr. W. J.	Aylmer West, Ont.
Many, Mr. Albert	Welland, Ont.
Mara, Mr. John A.	1 McMaster Ave.
Mara, Mrs. W. H.	31 Forest Hill Road

Marks, Mr. Geo.....	35 Rainsford Road
Marshall, Mr. E.....	Gordon Bay, Muskoka
Marshall, Mr. Norman.....	28 Mallon Ave.
Marshall, Mrs. S. A.....	50 Melrose Ave.
Martin, Mrs. C. W.....	Box 124, Milton, Ont.
Martin, Mr.....	58 Falcon St.
Martin, Mrs. S.....	Box 107, Newmarket, Ont.
Martin, Mrs. W. J.....	20 Avoca Ave.
Mason, Mr. Geo.....	Bowmanville, Ont.
Mathews, Mrs. W. E.....	Rockcliffe Park, Ottawa
Mathewson, Mr. W. H.....	Ridgeway, Ont.
Matthews, Mr. C. A. G.....	122 Dawlish Ave.
Matthews, Mr. H. W.....	364 Lauder Ave.
Matthews, Mr. T.....	34 Ingham Ave.
Maw, Mr. S. H.....	20 Lytton Blvd.
Maxwell, Mr. D.....	Box 192, St. Marys, Ont.
Maxwell, Mrs.....	175 Craighurst St.
Maybee, Miss V. A.....	Port Hope, Ont.
Mead, Mr. W. C.....	204 King St. West, Kitchener, Ont.
Mear, Mr. C. E.....	78 Lavinia Ave.
Michener, Mr. N. G.....	39 Shotwell St., Welland, Ont.
Miller, Mr. C. J.....	1663 Gerrard St. East
Miller, Mr. Robt.....	27 Burnfield Ave.
Miller, Mrs. T. W.....	604 Avenue Rd.
Milligan, Mr. Geo.....	Hudson Heights, P.Q.
Milner, Mr. W. C.....	Box 29, Wolfville, N.S.
Minns, Dr. F. S.....	120 St. Clair Ave. West
Mitchell, Mr. D. J.....	231 Belsize Drive
Mitchell, Dr. J. P.....	140 Walmer Rd.
Moore, Miss Gwen C.....	39 Castlefield Ave.
Moore, Mr. H. J.....	Islington, Ont.
Moore, Mrs. H. W.....	75 Fitch St., Welland, Ont.
Montgomery, Mrs. A.....	374 Sumach St.
Morris, Mr. A.....	194 Macauley St. East, Hamilton, Ont.
Morris, Mr. Hairy.....	48 Orley Ave.
Morris, Mr. Joseph.....	194 Macauley St. E., Hamilton, Ont.
Morrison, Mr. A. B.....	51 Playter Blvd.
Morrison, Mr. T. H.....	11 Hanson Road
Morrow, Mrs. G. A.....	104 Dunvegan Ave.
Morton, Miss Edith.....	520 Kingston Road
Morton, Mrs. Edmund L.....	11 Norwood Road
Morton, Mrs. F. G.....	270 Rubidge St., Peterboro, Ont.
Morton, Mrs. Thos.....	149 Glengrove Ave. W.
Mosley, Mr. H. M.....	Fonthill, Ont.
Muffitt, Miss L.....	95 London St.
Mulholland, Mr. F. A.....	132 Blythwood Rd.
Murray, Miss Edna.....	75 Sheldrake Blvd.
Murray, Mr. J. R.....	Winnipeg, Man.
Murray, Mr. W. G.....	Bayview and Lawrence
Musselman, Mr. L. B.....	17 Rose St., Kitchener, Ont.
Myhill, Mr. A. S.....	Welland, Ont.
McBrien, Miss L. M.....	520 Kingston Rd.
McCallum, Mr. J. D.....	Almonte, Ont.
McCallum, Mrs. Peter.....	Almonte, Ont.
McCauley, Mr. Wm.....	St. Mary's, Ont.
McClain, Mrs. R. Watson.....	29 Dunbar Road

McCombs, Mr. Elgin E.	R.R. No. 5, Fenwick, Ont.
McCormack, Mr. George	383 Wilbrod St., Ottawa
McCreedy, Mr. S. B.	430 Brunswick Ave.
McCreary, Mrs. C. W.	207 Albertus Ave.
McCurdy, Mrs. H. W.	126 Lawrence Crest, Lawrence Park
McDonald, Mrs. G. T.	Shelburnetown, N.S.
McDowell, Mrs. F. E.	9 Ferndale Ave.
McEwan, Miss E.	428 Kingswood Road
McFadden, Mrs. J. J.	Spragge, Ont.
McFadden, Mr. S. A.	79 King St. West
McGaw, Mrs. T. D.	32 Crescent Road
McGregor, Mr. E. P.	Sunderland, Ont.
McIlvride, Mr. Robt.	66 Hooker St., Welland, Ont.
McIntosh, Mrs. F.	30 Deloraine Ave.
McIntosh, Mr. J. E.	14 Delhi St., Guelph, Ont.
McIntosh, Miss K.	Dept. of Agriculture, Brampton, Ont.
McKague, Mr. G. W.	34 Thorncliffe Ave.
McKee, Mr. G. E.	63 Westmount Ave.
McKee, Mrs. J. A.	53 Walmer Road
McKenzie, Mr. A. D.	315 Rushton Road
McKersie, Mr. Abe.	192 Cedar Grove Ave., Kitchener, Ont.
McLaughlin, Mrs. M.	77 Forest Hill Road
McLean, Mr. A. E.	53 Ridge Drive
McLean, Mr. C. A.	Port Credit, Ont.
McLeod, Mrs. Douglas	Lake Annis, N.S.
McMahon, Mr. John	32 Bracken Ave.
McMann, Mr. Henry	Thorold, Ont.
McMillan, Mrs. Gordon	North River, P.E.I.
McMichael, Mrs. S. B.	44 Dinnick Cres.
McMurray, Mr. L. S.	10 Chestnut Park Road
McMurray, Mr. Leonard	62 Maple Ave.
McNeice, Mrs. James	108 Maple Ave., Welland, Ont.
McPartlin, Mr. James	248 Park Row South, Hamilton, Ont.
McPhail, Mrs. John A.	135 Simpson Ave., Sault Ste. Marie, Ont.
McPhee, Mr. J. M.	Box 1006, Truro, N.S.
McQuhae, Miss A.	511 Brunswick Ave.
McQuhae, Mrs. S.	511 Brunswick Ave.
McRea, Mr. F. M.	Beaverton, Ont.

Nash, Major A. E.	"The Pines," Donwoods Drive, York Mills, Ont.
Nattress, Dr. J. A.	171 Church St., Sault Ste. Marie, Ont.
Naylor, Mr. Thos.	10 Douglas Ave., Humber Bay, Ont.
Newmaster, Mr. C. J.	75 Young St., Welland, Ont.
Newson, Mr. W. V.	11032 88th Ave., Edmonton, Alta.
Newton, Mr. B. G.	111 Keewatin Ave.
Niagara Brand Spray Co.	Burlington, Ont.
Nichols, Mr. Emerson	410 St. James St., London, Ont.
Nicholls, Mr. G. F.	Box 817, Cobourg, Ont.
Nicolas, Mr. J. H.	Newark, N.Y.
Nicholson, Mrs. James	130 Glen Road
Noble, Mr. G. N.	115 Deloraine Ave.
Norton, Mr. Harry A.	Edgewater Farm, Ayer's Cliff, Que.
Nottie, Mr. Peter	446 E. Main St., Welland, Ont.
Nunn, Mr. Geo.	6288 Angus Ave., Vancouver, B.C.
Nuttall, Mr. Harry	101 Glebemount Ave.

Occomore, Mr. Frank.....	Collingwood, Ont.
Occomore, Mr. H.....	Norfolk St., Guelph, Ont.
O'Donnell, Mr. J. J.....	287 Greenwood Ave.
O'Farrell, Mr. J. E.....	29 Indian Grove
O'Neil, Mr. J. C.....	22 Elm Grove Ave.
Ormston, Mr. C.....	35 Fraser Ave., Hamilton, Ont.
Pain, Mrs. Clifford.....	84 Chatsworth Dr.
Palin, Mr. Chas. S.....	c-o Sun Life Assnce Co., 60 Victoria St.
Pannell, Mr. H.....	160 Lawrence Ave. W
Parker, Mr. Herbert H.....	Northmount P.O., Ont.
Parkin, Mrs. F.....	43 Brookmount Road
Parkinson, Mr. A. E.....	St. Mary's, Ont.
Pascoe, Mr. Hy. M.....	32 Forsyth Cres.
Patterson, Mr. A. B.....	11 Bedford Road
Patterson, Mr. C. F.....	University of Saskatchewan, Saskatoon, Sask.
Payne, Mr. H. C.....	73 Queensbury Ave.
Pearson, Mr. F.....	497 Nairn Ave.
Peck, Miss Myrtle.....	267 Anne St., Belleville, Ont.
Peel, Mr. John.....	Whitby, Ont.
Pell, Mr. James.....	223 Havelock St.
Pemberton, Mr. G. C. T.....	187 Sherwood Ave.
Pennell, Miss M.....	331 Bay St.
Pennington, Mr. E. D.....	Dundas, Ont.
Pequegnat, Mr. A. E.....	c-o Mutual Life Assnce. Co., Waterloo, Ont.
Penrice, Mrs. B. R.....	119 Brock St., Brantford, Ont.
Percival, Dr. H. S.....	610 Indian Road
Perron, Hon. J. L.....	10 St. James St. W., Montreal, P.Q.
Perry, Mr. C. W.....	119 Northcliffe Blvd.
Perry, Mrs. Norman.....	8 Chestnut Park Rd.
Petry, Mr. W. F.....	27 Rosehill Road
Pettigrew, Mr. J.....	11 Sandford St., St. Lambert, P.Q.
Pettit, Mr. Geo. H., M.P.....	50 Dorothy St., Welland, Ont.
Phillips, Mr. Chas.....	7 Indian Grove
Phillips, Mr. R. C.....	90 Albertus Ave.
Pickering, Mr. J. Malcolm.....	148 Madison Ave.
Pickering, Mr. Wm.....	Mt. Forest, Ont.
Pike, Mr. A.....	9322 104th Ave., Edmonton, Alta.
Pike, Mr. Frank.....	Bank of Montreal, Edmonton, Alta.
Plant, Mrs. Z.....	4 Douglas Ave., Humber Bay, Ont.
Porter, Mr. C.....	10733 79th Ave., Edmonton, Alta.
Potts, Mr.....	52 Fernwood Park Ave.
Powell, Mrs. G. G.....	129 Springhurst Ave.
Powell, Miss Marion.....	Radnor, Pa.
Pratt, Mr. Anson H.....	128 Queen St., Ottawa, Ont.
Pratt, Mr. C. E.....	368 Launder Ave.
Pratt, Mr. Robt. A.....	353 Balliol St.
Preece, Mr. Chas.....	89 Yarmouth Road
Preston, Miss Isabella.....	Central Experimental Farm, Ottawa, Ont.
Price, Dr. F. D.....	351 Sherbourne St.
Price, Col. W. H.....	6 Ridout St.
Pridham, Mr. A. M. S.....	Ithaca, N.Y., "Cornell University"
Pridham, Mrs. W. S.....	226 Cottingham St.
Pring, Mr. A.....	101 Hillcrest Drive, Toronto
Pritlove, Mr. E. P.....	185 Grange St., Guelph, Ont.
Proudfoot, Miss.....	33 Willowbank Blvd.

Raffalovitch, Mr. Chas.	58 Montgomery Ave.
Ragen, Mr. H. J.	13 Hurndale Ave.
Raikes, Miss Christobel	"The Pleasance," Barrie, Ont.
Ramsay, Mr. T. B.	Box 85, Sudbury, Ont.
Randall, Mr. T. J.	22 Edgewood Ave.
Rathbone, Mr. J. B.	18 MacKenzie Ave.
Rathbun, Mrs.	"Greenbank," Deseronto, Ont.
Ray, Mr. Malcolm	4 Wendigo Road
Raymond, Lt.-Col. L. C.	114 Merrill St. W., Welland, Ont.
Reason, Mr. F. G.	509 Merton St.
Reeves, Mr. Frank A.	R.R. No. 2, King, Ont.
Reeve, Mrs. C. M.	230 Bloomfield Ave., Montreal, Que.
Reid, Mr. Douglas	180 Kingsmount Park Road
Reid, Mrs. G. A.	62 Wychwood Park
Reid, Mr. R. H.	Box 475, Goderich, Ont.
Reid, Mr. W. C.	179 Dundas St., Belleville, Ont.
Reilly, Mr. H. J.	24 Smith St., Welland, Ont.
Rennie, Mrs. Frank	Cor. Scott and Victoria, Walkerton, Ont.
Rennie, Miss Jean	R.R. No. 3, New Hamburg, Ont.
Richardson, Mrs. E.	222 Victor Ave.
Richardson, Mr. John	c-o Mrs. W. J. Bell, Sudbury, Ont.
Richardson, Mr. J.	222 Victor Ave.
Ridge, Mr. F. G.	25 Hillingdon Ave.
Riggs, Mrs. F. L.	115 St. Clements Ave.
Rigney, Mr. T. J.	169 King St., Kingston, Ont.
Ritchey, Mrs. J. Ross	74 St. Clair Ave. W.
Ritchie, Dr. A. B.	193 Woolwich St., Guelph, Ont.
Ritz, Mr. E. O.	60 Heins Ave., Kitchener, Ont.
Roberts, Mr. A. G.	70 Broadway
Robertson, Miss Marion	Walkerton, Ont.
Robertson, Mrs. N. S.	"The Retreat," Arnprior, Ont.
Robinson, Mr. Alfred	319 Sunnyside Ave.
Robinson, Mr. J. Beverley	37 Heathdale Road
Robinson, Mr. J. E.	144 Eastwood Road
Robinson, Mr. J. E.	Parkhill, Ont.
Robson, Mr. A. H.	69 St. Edmunds Drive
Robson, Miss J. M.	45 Dundonald St.
Robson, Dr. R. B.	308 Devonshire Road, Walkerville, Ont.
Rodick, Miss Helen M.	5 Marchmount Road
Rodgers, Mr. A. H.	23 Toronto St.
Rodgers, Mr. Thos. L.	70 Rowntree Ave., Toronto
Rogers, Herbert	"Sherbrooke Farm," R.R. No. 1, Allandale, Ont.
Rogers, Mr. J. F.	79 Chudleigh Ave.
Rolph, Mrs. John H.	229 N. Main St., Welland, Ont.
Rooney, Mrs. H. E.	545 Broadview Ave.
Root, Mr. Wm.	40 Pine St., Brockville
Rose, Hon. Mr. Justice	86 Roxboro East
Rose, Mrs. Hugh A.	Welland, Ont.
Rose, Mrs. H. A., Sr.	33 Fraser Ave., Welland, Ont.
Rose, Miss M. E.	33 Fraser St., Welland, Ont.
Rosebrugh, Mr. Oscar	37 Lincoln Ave., Galt, Ont.
Ross, Mrs. R. D.	93 Forest Hill Road
Ross, Mr. Victor	56 Church St.
Ross, Mrs. W. D.	Government House
Roulston, Dr. G. F.	Exeter, Ont.

Rowand, Mrs. Elmer.....	Walkerton, Ont.
Rowe, Miss E. J.....	92 Bethune St., Brockville, Ont.
Rowland, Miss Ella M.....	19 Isabel St., Belleville, Ont.
Ruddy, Mr. E. L.....	84 Roxborough Drive
Rumley, Chas., Jr.....	26 Heyworth Ave., Toronto
Rumley, Mr. Chas.....	26 Heyworth Cres.
Russell, Mr. Wm. H.....	173A Borden St.
Ryan, Mrs. W. A.....	137 Balmoral Ave.
Ryrie, Mrs. Harry.....	18 Clarendon Ave.
Sadowski, Mr. B.....	19 Harper Ave.
Sampson, Mr. C.....	Lynden, Ont.
Sampson, Mrs. T. N.....	117 Rusholme Road
Sampson, Mr. T. N.....	117 Rusholme Road
Sanders, Mrs. H.....	31 Northview Ave.
Sanders, Mr. Paul B.....	Ontario Agricultural College, Guelph, Ont.
Sandham, Mrs. Wm. H.....	15 Neville Park Blvd., Toronto
Saunders, Mrs. E.....	65 Chestnut Park Rd.
Savage, Mrs. Geo.....	64 Park Ave., Guelph, Ont.
Sayers, Mr. N. E.....	76 Centre St., Stratford, Ont.
Scandrett, Mr. H. B.....	64 Bernard Ave.
Scarlett, Mr. M.....	5 Willard Ave.
Schell, Mrs. A. W.....	325 Heath St. E.
Scott, Rev. Dr. A. H.....	Perth, Ont.
Scott, Mr. G. A.....	67 Balmoral Ave.
Scott, Mrs. James.....	4 Dale Ave.
Scott, Mrs. J. H.....	86 Wilson Ave.
Sears, Mr. H. T.....	517 Glebeholme Blvd.
Seiple, Rev. Geo. S.....	67 Alma St., Kitchener, Ont.
Selwood, Mr. Arch.....	3791 Arbutus St., Vancouver. B.C.
Shackleton, Mrs. A.....	2 Neville Park Blvd.
Shannon, Dr. Geo. L.....	132 Leo Ave., Sault Ste. Marie, Ont.
Shaw, Miss C. S.....	5A Thorncliffe Ave.
Shaw, Mr. Stanley O.....	85 Seymour Ave.
Shearer, Mr. H. F.....	73 Queen St., Welland, Ont.
Sheridan, Mrs. C. W.....	91 Lyall Ave.
Sherring, Mr. John B.....	320 Durie St.
Sherry, Mr. F. L.....	24 Woodlawn Ave. W.
Shewring, Mr. Frederick J.....	362 Blackthorn Ave.
Shortt, Mrs. C. A.....	52 Rosemount Ave.
Shulver, Mr. Eric.....	914 Carlaw Ave.
Sibley, Mr. L. P.....	Governor's Road, Dundas, Ont.
Sierolawski, Mr. B.....	654 Bronson Ave., Ottawa, Ont.
Sim, Mr. Jas.....	581 Northcliffe Blvd.
Simpson, Mr. George.....	Clemow Ave., Ottawa
Simpson, Mr. Jack.....	40 Todd St., Galt, Ont.
Simpson, Mr. W. W.....	143 Cambridge St., Guelph, Ont.
Sinclair, Dr. C. W.....	Aylmer, West, Ont.
Sinclair, Mr. Wm.....	877 Hartland Ave., Outremont, Que.
Sisman, Mr. Geo.....	Box 385, Aurora, Ont.
Sisson, Mr. J. N.....	Algoma East Railway, Little Current, Ont.
Small, Mr. Frank.....	c-o Steele Briggs Seed Co., Ltd.
Small, Mrs. Sidney.....	504 Concourse Bldg., 100 Adelaide St. W.
Smart, Mr. J. T.....	Sudbury, Ont.
Smith, Mr. A. L.....	131 Aqueduct St., Welland, Ont.
Smith, Mrs. A. L.....	131 Aqueduct St., Welland, Ont.

Smith, Mr. A. R.	45 Shannon St.
Smith, Mr. Chas.	48 Louisa St., Kitchener, Ont.
Smith, Mr. Ernest	Box 121, Englehart, Ont.
Smith, Mrs. F.	309 Woodbine Ave.
Smith, Mr. J. Albert	16 Wellington St., Kitchener, Ont.
Smith, Mr. J. Fyfe	c-o Fyfe Smith Co. Ltd., Vancouver, B.C.
Smith, Dr. M. A. B.	64 Queen St., Dartmouth, N.S.
Smith, Mr. Robt.	399 Brunswick Ave.
Smith, Mr. W. Assheton	18 Elm Ave.
Smith, Mrs. W. E.	79 Gormley Ave.
Smith, Wm. O.	1049 St. Clarens Ave.
Somerville, Miss B.	99 Tyndall Ave.
Snyder, Dr. George B.	1421 Victoria Ave., Niagara Falls, Ont.
Southam, Mrs. F. M.	62 Laing St.
Soward, Mrs. V. E.	236 Maplewood Ave., Toronto
Soward, Mr. V. E.	236 Maplewood Ave., Toronto
Sowards, Mr. J. F.	Ontario St., Kingston
Speller, Mr.	139 Hownslow Ave., Willowdale P.O., Ont.
Spencer, Mr. J. B.	154 Carling Ave., Ottawa, Ont.
Spencer, Mrs. L. B.	60 Merritt St. W., Welland, Ont.
Spera, Mrs. Arthur	Stoney Creek, Ont.
Spotton, Mr. H. B.	36 Aberdeen Road, Galt, Ont.
Sprott, Mr. A. F.	167 Glen Rd.
Squair, Mrs. J.	368 Palmerston Blvd.
Staples, Mr. Owen	69 Hogarth Ave.
Starr, Mrs. Clarence	185 Teddington Park Ave.
Starr, Mrs. F. N. G.	112 Warren Road
Startup, Mr. Edward	56 Eastwood Ave.
Staunton, Mr. T. M.	Lake Shore Blvd., New Toronto
Staunton, Mrs. T. M.	Lake Shore Blvd., New Toronto
Staunton, Miss Annie	93 Roxboro East
Staunton, Mrs. A. Lynch	Mountain Brow, Hamilton
Stenton, Mr. G. M.	451 Victoria St., Kingston, Ont.
Stephens, Mrs. M. D.	137 Bedford Park Road
Stephenson, Mr. O. E.	60 Leuty Ave.
Stevens, Mrs. Mary	70 Ivy Ave.
Stewart, Mrs. D. M.	Barrie, Ont.
Stewart, Mr. D. H.	91 Colbeck St., Toronto
Stewart, Mr. Fred H.	10 Springhurst Ave.
Stewart, Miss Jean	586 Huron St.
Stiles, Mr. H. W.	11150 89th Ave., Edmonton, Alta.
Stirling, Mr. John	512 Quebec St., London, Ont.
St. John, S. T.	Wilcox, Sask.
Stockford, Miss N. M.	Woolwich St., Guelph, Ont.
Stone, Miss Ada E.	661 Euclid Ave.
Stone, Mrs.	Humberside P.O., Ont.
Stonham, Mr. E.	1004 Pemberton Road, Victoria, B.C.
Storms, Dr. Douglas G.	82 Stanley Ave., Hamilton, Ont.
Strachan, Mr. James	64 Wellington St. West
Strathy, Mrs. H. F.	358 Glenmanor Drive
Strudley, Mr. H. W.	186 Mornington Rd., Stratford, Ont.
Stuart, Mr. Wm. G., c-o Jas. Stuart & Sons	308 St. Nicholas Bldg., Montreal, Que.
Stubington, Mr. G.	52 Beaufort Rd.
Sturges, Mr. Harold	113 Blantyre Ave.
Sturges, Mrs. Harold	113 Blantyre Ave., Toronto

Sullivan, Mr. J. A.	72 Arnold St., Guelph, Ont.
Sutton, Miss M. R.	73 Richmond St. West
Sweeting, Mr. Alfred	1537 Dufferin St.
Swift, Mr. A. J.	32 Symington Ave.
Swift, Mr. James A.	81 Caroline Ave.
Switzer, Mrs. Milton	St. Mary's, Ont., R.R. No. 1
Sykes, Mr. Geo. F.	Brandon, Man.
Symington, Mrs. C.	41 Chaplin Crescent
Symington, Mr. T. S.	41 Chaplin Crescent
Tate, Mr. David	88 Hilton Ave.
Taylor, Mr. A. P.	110 Madison Ave.
Taylor, Dr. D. E.	Tillsonburg, Ont.
Taylor, Mr. D. E.	343 Lauder Ave.
Taylor, Mrs. T. A.	Box 467, Dundas, Ont.
Taylor, Mrs. W. N.	94 Walker Ave., Toronto
Tebbs, Rev. G. W.	Burlington, Ont.
Teeple, Miss Myrtle	Box 505, Aylmer West, Ont.
Telford, Mr. R.	32 Macdonald Ave., Mimico, Ont.
Tempest, Mr. C. C.	167 Church St., Sault Ste. Marie, Ont.
Templeton, Mrs. Gilbert	24 Ivor Road, Donwoods Drive
Templin, Mr. Hugh	Fergus, Ont.
Teskey, Mr. F. C.	183 Glenholme Ave.
Thompson, Mr. Edgar J.	134 Duvernnet Ave.
Thompson, Mrs. F. E.	134 Duvernnet Ave., Toronto
Thompson, Mr. Jos. A.	10 Prince Arthur Ave.
Thompson, Mr. R. H.	8 Wellwood Ave.
Thomson, Mr. R. M.	Box 20, Old Mill, Ont.
Thomson, Mrs. R. G. O.	301 Russell Hill Road
Thomson, Mr. Wm. O.	520 Victoria Park Ave.
Tinson, Mr. Victor	40 Heath St. W.
Tomlinson, Prof. A. H.	O.A. College, Guelph, Ont.
Torgeson, Mr. T. A.	Estevan, Sask.
Towers, Mr. V. J.	10 Grenadier Heights, Toronto
Tracy, Mrs. James J., Sr.	2245 Harcourt Drive, Cleveland Heights, Cleveland, Ohio
Trimble, Mrs. Clara F.	Norwich, Ont.
Triplett, Mrs. Hugh	R.R. No. 1, Sault Ste. Marie, Ont.
Tuer, Miss M.	Port Hope, Ont.
Tuff, Mr. John H.	Aylmer West, Ont.
Tuller, Miss Jean	85 Chaplin Crescent
Tullock, Mr. Stewart	99 Raglan Ave., Toronto
Tweddel, Mr. Arthur	Box 327, Port Dover, Ont.
Tyrrell, Mrs. H. V.	221 Dunvegan Road
Tyrrill, Mr. E. W.	Bridgeburg, Ont.
Urquhart, Mrs. W. Hector	2nd Ave. East, Owen Sound, Ont.
Usher, Mr. Harold H.	Queenston, Ont.
Usher, Mr. J.	110 Arthur St., Brantford, Ont.
Ussher, Col. J. F. H.	223 Blythwood Road
VanBeek, Mr. J.	119 Erie Ave., Brantford, Ont.
Vanson, Mr. T. C.	283 Simcoe St., S. Oshawa, Ont.
Varley, Mrs. Harry	241 Bridge St. E., Belleville, Ont.
Vaughan, Mrs. George	869a Bathurst St.
Vaughan, Mrs. M.	24 Merritt St., Welland, Ont.
Voy, Mr. William	141 Monmouth Road, Walkerville, Ont.

Wadsworth, Mr. W. R.	9 Castle Frank Road
Wagg, Mrs. E.	Mount Albert, Ont.
Waldie, Miss Marion	6 Oriole Road
Walker, Mrs. Fred	Norwich, Ont.
Walker, Mr. John	Dept. of Agriculture, Winnipeg, Man.
Walker, Mr. H. E.	85 Oriole Road
Walker, Mr. T.	9328-95th St., Edmonton, Alta.
Wallace, Mrs. Lindsay H.	2115 Elandon Drive, Cleveland Heights, Cleveland, O.
Wallace, Mrs. M. W.	91 Walmer Rd.
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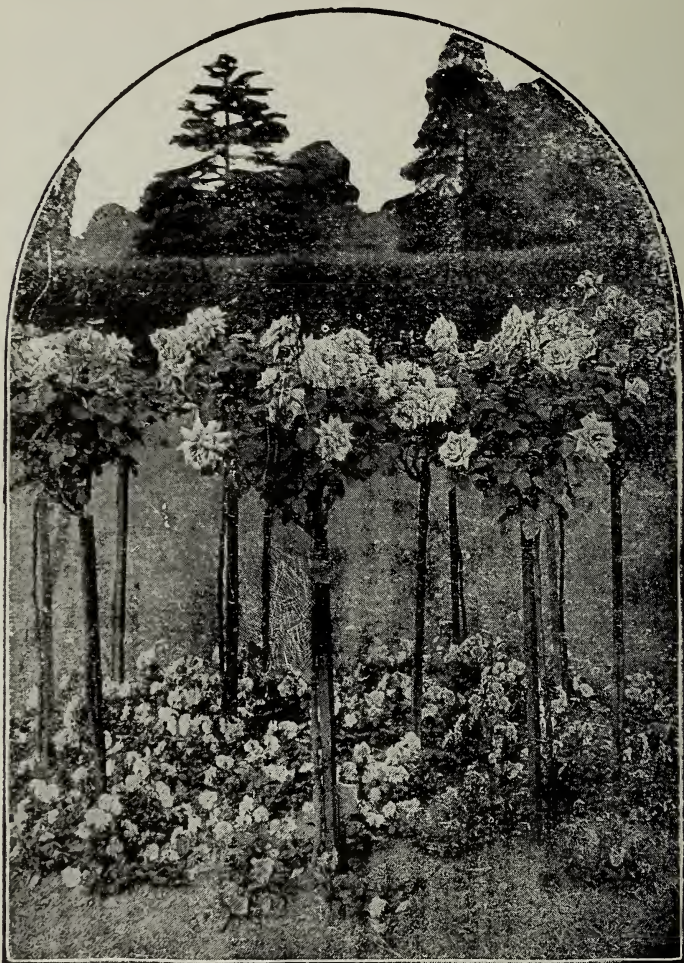
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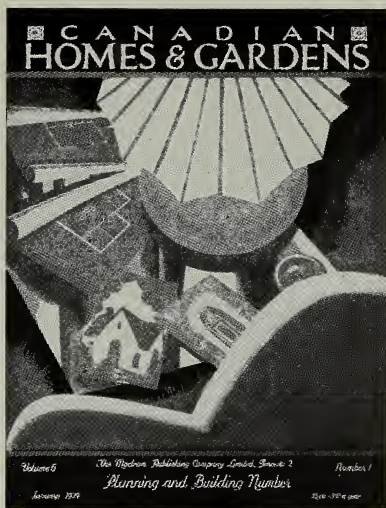
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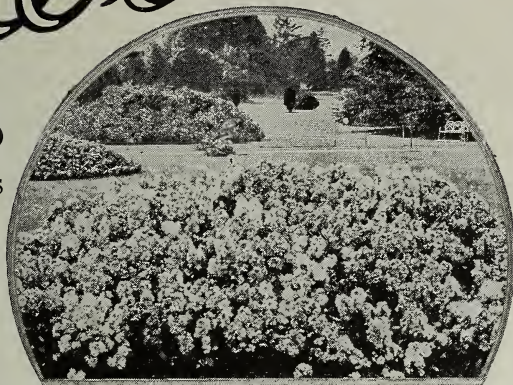
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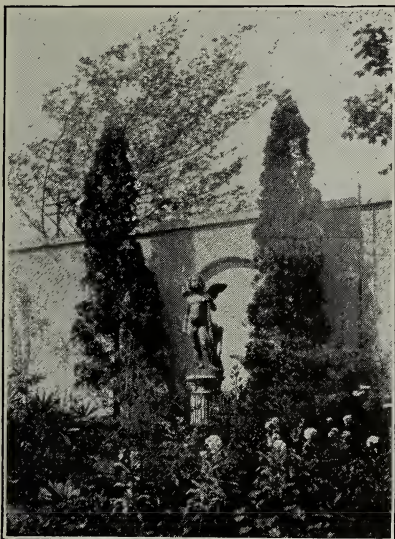
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